

GRAIN & FEED JOURNALS CONSOLIDATED

CHICAGO 4, ILL.

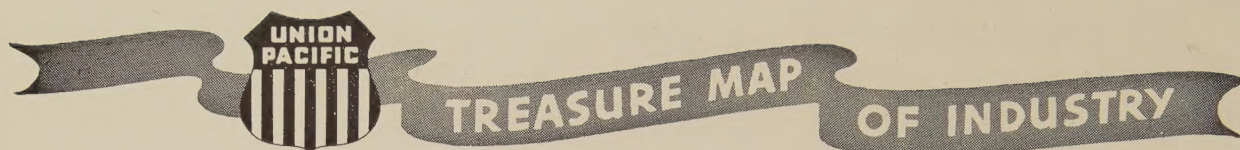
SEPTEMBER 10, 1947

Oregon Discarding Sacks in Favor of Storage in Bulk

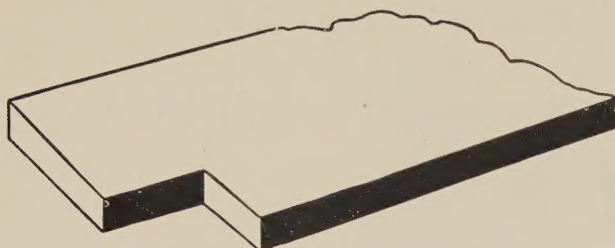
Elevator, Feed Mill and Quonset Style Warehouse at Central Point, Ore.

(For Description See Page 175)





Nebraska*



* One of a series of advertisements based on industrial opportunities in the states served by the Union Pacific Railroad.

- LARGE SOURCE OF FARM PRODUCTS
- LEADER IN DAIRY PRODUCTS
- MAJOR LIVESTOCK PACKING AND PROCESSING CENTER
- AMPLE WATER SUPPLY
- NATURAL GAS, COAL, OIL AND ELECTRIC POWER
- RICH MINERAL DEPOSITS
- DIVERSIFIED INDUSTRIAL ACTIVITY
- STRATEGIC DISTRIBUTION LOCATION
- EXCELLENT RAIL TRANSPORTATION
- SKILLED, FAIR-MINDED LABOR
- NO SALES OR INCOME TAX

Industries engaged in the packing or processing of farm products find Nebraska a rich source of raw materials. Corn, grains, sugar beets, potatoes and other vegetables are grown in abundance.

Omaha is a leading meat packing and poultry processing center. It frequently leads the nation in livestock receipts, is located in the world's largest butter producing area, and houses the nation's second largest industrial alcohol plant.

In addition to agricultural activity, there is diversified industrial manufacturing

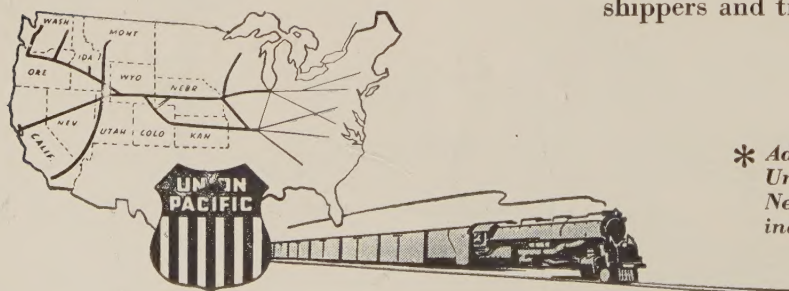
such as farm machinery, air conditioning equipment, fabricated steel, brick and tile.

Nebraska has large mineral deposits; gypsum, salt, potash, sand, gravel, stone, etc. Natural gas, petroleum and coal are readily available.

Of particular interest to industry is Nebraska's "pay-as-you-go" policy; no state sales, income or luxury taxes. It is a good place to work and live.

★ ★ ★

In Omaha are the headquarters of the Union Pacific Railroad which provides efficient, dependable transportation for shippers and travelers.



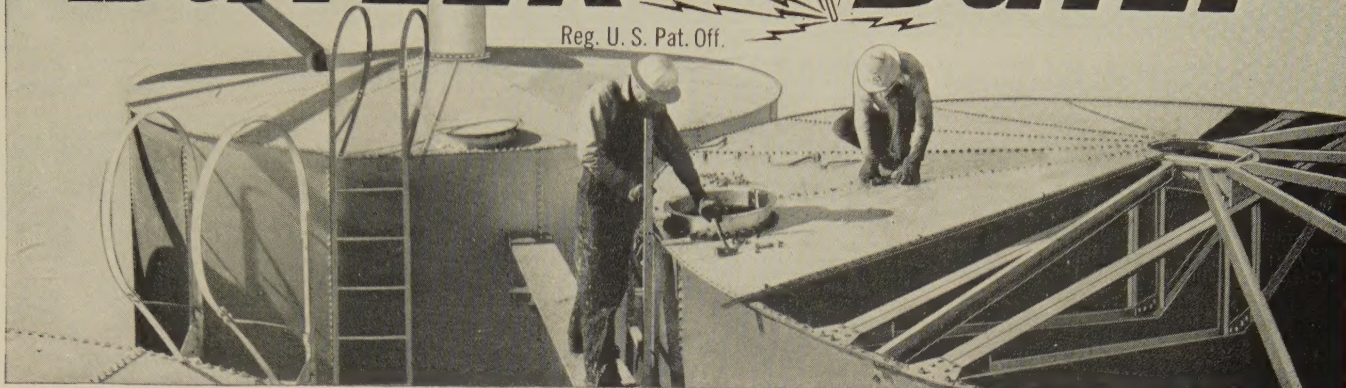
* Address Industrial Department, Union Pacific Railroad, Omaha 2, Nebr., for information regarding industrial sites.

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THE STRATEGIC MIDDLE ROUTE

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Reg. U. S. Pat. Off.



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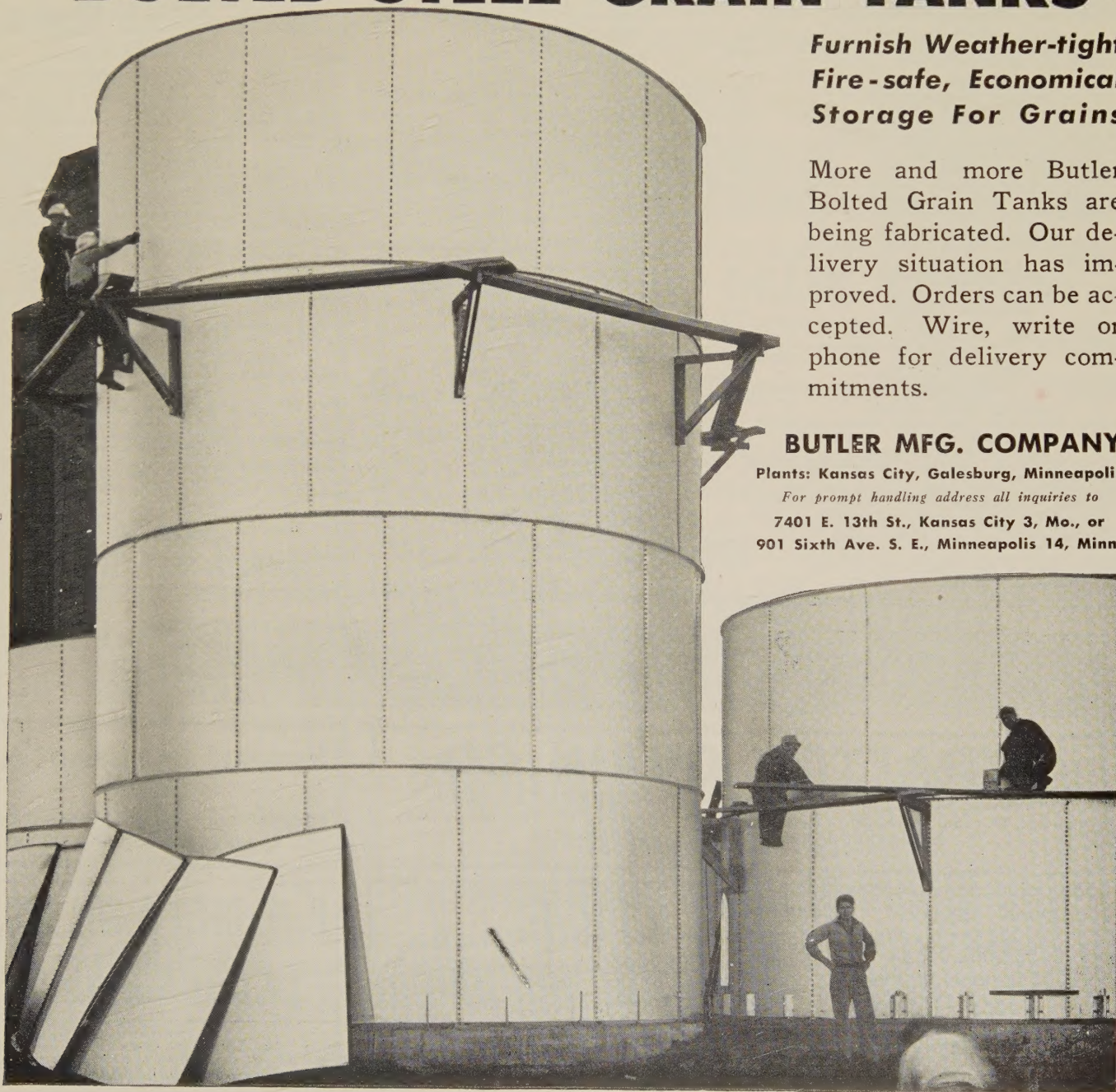
More and more Butler Bolted Grain Tanks are being fabricated. Our delivery situation has improved. Orders can be accepted. Wire, write or phone for delivery commitments.

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Plants: Kansas City, Galesburg, Minneapolis

For prompt handling address all inquiries to

7401 E. 13th St., Kansas City 3, Mo., or
901 Sixth Ave. S. E., Minneapolis 14, Minn.



Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

HAVING YOUR name in this directory will introduce you to many old and new firms during the year, whom you do not know or could not meet in any other way. Many new concerns are looking for connections, seeking an outlet or an inlet, possibly in your territory. It is certain that they turn to this recognized Directory, and act upon the suggestions it gives them. The cost is only \$12 per year for 24 insertions.

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Burrus Panhandle Elevators, public storage mdsing.*
Colley Grain Co., Receivers, Shippers All Grain.
Kearns Grain & Seed Co., grain, field seeds.*
Producers Grain Corp., federal bonded warehouse.*
Uhlmann Grain Co., Grain Merchants, Brokers.

ARLINGTON HEIGHTS, ILL.

Pape & Guenther, grain and hay by truck.

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Beer & Co., Inc., E. H., grain, hay, seeds.*
Legg & Co., Est. 1878, grain receivers, shippers.

BUFFALO, N. Y.

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Bison Grain Co., consignments, brokerage.*
Lewis Grain Corporation, consignments.*
McKillen, Inc., J. G., consignments.*
Wood Grain Corp., consignments, brokerage.*

CEDAR RAPIDS, IOWA

Federal-North Iowa Grain Co., country run grain.*
Wildner Grain Co., grain merchants.*

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Board of Trade Members

Continental Grain Co., grain merchants.*
Holt & Co., Lowell, commission, grain and seeds.*
Hamson Bros. & Co., grain, stocks, provisions.*
Norris Grain Co., grain merchants.*
Quaker Oats Co., grain Merchants.*
Uhlmann Grain Co., grain merchants.*

CLEVELAND, OHIO

The Bailey Cain Co., shpr. grain, mill'd, protein feeds.*
The Cleveland Grain Co., home office.*

COLUMBUS, OHIO

Cummings & McAllister, brokers, grain, feed, oil.*
Dill Grain Co., L. J., mchts.-brokers, grain, beans, feeds.*

CINCINNATI, OHIO

The Early & Daniel Co., grain and feed service.*

DALLAS, TEXAS

Balfour Guthrie & Co. Limited, grain, feed ingredients,
Bates Grain Co., grain merchants and brokers.
Crouch Grain Co., J. C., buyers wheat, corn, oats.*

DECATUR, ILL.

Baldwin Elevator Co., grain merchants.*
Evans Grain Co., grain, Chicago B. of T. Members.*

DODGE CITY, KANS.

Dodge City Term. Elvtr. Co., bonded storage mchdrs.*

ENID, OKLA.

Board of Trade Members

Continental Grain Co., operating 2,000,000 bu. elvtr.
Enid Elevator Corp., operating Enid Terminal Elvtr.
Fenuey Grain Co., optrs., country elvtrs., gr. mdsgr.*
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E. R. Humphrey Grain Co., grain merchants.*
Johnston Grain Co., W. B., wheat, coarse gr., fld. seeds.*
The Salina Terminal Elev. Co., milling wheat.

*Members Grain & Feed Dealers National Assn.

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Blewett Grain Co., G. E., brokerage, commission.*
Carter Grain Co., C. M., brokerage and consignments.
Continental Grain Co., grain merchants
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Great West Grain & Seed Co. specializing wheat & milo.
Producers Grain Corp., federal bonded warehouse.
Transit Grain Co., grains, seeds, concentrates, minerals.*
Uhlmann Elevators Co. of Tex., mdsgr., public storage.*

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Thomas F. Shaw, export grain, brokerage, forwarding.

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Midwest Grain Co., grain merchants, country elvtrs.*
Salina Terminal Elevator Co.

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Board of Trade Members

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Kansas Elevator Co., mlg. wheat, corn, oats, barley.*
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Mid-Continent Grain Co., wheat, kafir, barley, etc.
Norris Grain Co., grain merchants.*
Scouler-Bishop Grain Co., grain mchts., consignments.
Salina Terminal Elevator Co.
Simonds-Shields-Theis Grain Co., grain merchants.*
Uhlmann Grain Co., grain merchants.*

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W. M. Bell Co., commission merchants

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Cargill, Incorporated, milling wheat.*

Scroggins Grain Co., grain merchants.*

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Seaboard Western Grain Corp., grain merchants.*

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Dewey & Sons, W. W., grain commission.*
Feltman Grain Co., C. H., grain commission.
J. Younger Grain Co., receivers and shippers.*

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Tidewater Grain Co., receivers, shippers.*

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Stratton-Theis Grain Co., grain merchants.*

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Baltimore, Md.

Grain & Feed Journals Consolidated, a merger of Grain Dealers Journal (Est. 1898), American Elevator & Grain Trade (Est. 1882), Grain World (Est. 1928), and Price-Current Grain Reporter (Est. 1844); Published on the 2nd and 4th Wednesday of each month in the interest of progressive wholesalers in grain, feed and field seed. 327 South La Salle Street, Chicago 4, Illinois, U. S. A. Price \$2.00 per year, 25c per copy. Entered as second class matter November 27, 1930, at the Post Office in Chicago, Ill., under the Act of March 3, 1879, Vol. 99, .o. 5, Sept. 10, 1947

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Van Dusen Harrington Company

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DULUTH

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A written receipt is indispensable to grain dealers who store grain for farmers. This receipt records the amount, kind, and grade of grain, and sets forth terms of storage as follows:

"Stored grain will be purchased at per bushel under the Chicago..... future, settlement to be made on or before 19....., at which date the grain described herein will be considered sold.

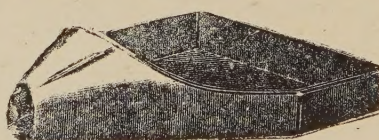
"Storage must be paid for at the rate of for the first days, and at the rate ofc per bushel per (month, day) thereafter until sold, this charge to include fire insurance. Deterioration and shrinkage at owner's risk."

Grain Storage Receipt book contains 75 originals of goldenrod bond paper, 75 duplicate of manila, 3 sheets of carbon, and heavy, pearl-grey pressboard covers. Shipping weight, 1 lb. Order Form 168R. Price 95c each, or 3 books for \$2.50, plus postage.

Grain & Feed Journals

327 South La Salle St., Chicago, Ill.
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SAMPLE PANS

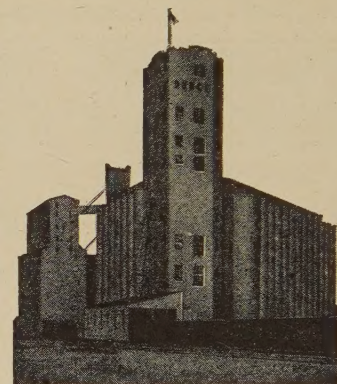


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If you would avoid trade disputes, and differences and prevent expensive errors, use triplicating confirmation blanks. You retain tissue copy, sign and send original and duplicate to customer. He signs one and returns the other.

This places the entire burden for any misunderstanding of your intentions upon the other party and protects you against the expensive misinterpretation of your trades.

Leaking Car Report Blanks

bear a reproduction of a box car and a form showing all points at which a car might leak, thus facilitating reporting specific places where car showed leaks at destination. One of these blanks should be sent with papers for each car with the request that it be properly filled out and returned in case of any signs of leakage. Printed on Goldenrod bond, size 5½x8½ inches, and put up in pads of 50 blanks. Order Form 5. Weight, 3 ounces. Price, 55c a pad; four for \$1.65. Prices f. o. b. Chicago.

**GRAIN & FEED JOURNALS
Consolidated**

327 S. La Salle St., Chicago 4, Ill.



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"**O**UR customers are satisfied with the accuracy of the Steinlite Moisture Tester. It's quick and easy to use," stated Mr. J. A. McGorray, manager of the Dewein Grain Co., Emery, Illinois.

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An experienced operator can make a test in one minute. Sold on free trial basis.



Catalog and Reference Book. Seedburo offers a free copy of their current catalog and handy reference book, listing over 500 items used in handling and testing grains, together with useful information on grading and testing standards and procedures. A mighty valuable book. If you don't have a copy, write today.

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720 CONVERSE BUILDING, CHICAGO 6, ILLINOIS

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CONSOLIDATED

INCORPORATED

327 South La Salle Street

CHICAGO 4, ILL.

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LETTERS on subjects of interest to
those engaged in the grain, feed and field
seed trades, news items, new firms, new
elevators and feed plants, contemplated
improvements, reports on crops, receipts,
movements, shipments, and cars leaving
grain in transit, are always welcome.
Let us hear from you.

QUERIES for trade information not
found in the Journal are invited.

A CONSOLIDATION OF

GRAIN DEALERS JOURNAL

Established 1898

AMERICAN ELEVATOR &
GRAIN TRADE

Established 1882

PRICE CURRENT - GRAIN REPORTER

Established 1844

THE GRAIN WORLD

Established 1928

Freight Rates to Advance

Whenever the price of any commodity is raised the reaction is to use less of the more costly service.

Now that a heavy increase in freight rates is certain, to recoup the railroad companies for the increased wages they must pay, grain shippers will find it more profitable than ever to separate the dockage from the grain before shipping to market. Why pay freight on dockage? The weed seeds and foreign material can be ground and mixed with feed and sold locally.

The inducement to operate driers to reduce the excessive moisture content of corn will be greater. More shippers will see their way clear to invest in driers, several styles of which are now on the market.

DEMAND for box cars will continue long after harvest to ship out the wheat piled on the ground.

HUTCHINSON, KAN., finds itself in the terminal market class with August receipts of 8,896 carloads of wheat.

THE DUST EXPLOSION hazard is being minimized in the large grain elevators at the Canadian head of the lakes by the installation of dust control equipment. The elevator companies are expending large sums of money to provide this greater safety for their employees.

GOVERNMENT price support of certain farm crops is certain to be the subject of new legislation, forced by the expiration Dec. 1, 1948, of the Steagall amendment. In view of changing conditions with the lapse of time it seems wise to place a time limit on all legislation conferring extraordinary powers on the administration.

WITH both spot and future market price shattering high records daily the market is wide open for anything to happen. The purchase Sept. 8 of 500,000 bus. wheat by the C.C.C. shows that this Government agency can not be frightened out of the market as long as there is tax-collected money available to pay for the grain.

ALLEGATIONS of adulteration are meaningless when directed against an innocent shipper when the buyer at destination has not given the product adequate protection. The government names the shipper but not the warehouseman in a case where the 765 90-lb. bags of ground buckwheat hulls lay in a warehouse at Cleveland, O., from about Aug. 17 to Sept. 26. In another case the government condemned 293 100-lb. bags of brewers grits shipped to Orlando, Fla., from Texas, because of weevils and larvae. There is no proof the product was not in first-class condition when loaded.

Eliminate Objectionable Varieties

However desirable it may be to keep different kinds of grain separate it is difficult for the country elevator operator to provide a sufficient number of bins.

The shipper at the country station will welcome the suggestions of the Grain Advisory Committee looking toward complete milling and making tests of new varieties in pilot plants with the purpose of preventing the distribution of varieties that are objectionable to millers.

The government has power to conduct the necessary tests under the Research and Marketing Act of 1946; and of the \$9,000,000 appropriated by Congress \$2,000,000 is to be devoted to study of better distribution and marketing.

The present system of purchase and sale of grain has been so highly organized and perfected that little can be done to reduce the present narrow margin between what the grower receives and the consumer pays. Much can be done to improve the quality of grain hauled by the farmer to the elevator.

BULK HANDLING of grain is finding increasing favor in Oregon and California; and our news items report heavy investments currently in elevators for storage in bulk.

IT NEVER was profitable to scatter grain along the railroad right of way, and with the present price of grain it pays better to cooper a car carefully before loading.

SMUT treatment of seed wheat seems to be called for in the state of Nebraska, in view of the receipt at Omaha during the period July 1 to Aug. 15 of 49 cars of smutty wheat from thirty shipping points in Nebraska.

EVERY effort must be made to resist the threatened attempts to reinstate war-time controls of industry and grain handling on the plea that the necessities of foreign nations make it desirable to revive the O.P.A.

DRAWING drafts "with exchange" is rightly condemned by the Secretary of the Texas Grain and Feed Dealers Ass'n, who points out that under the contracts the buyer cannot be required to pay more than the net price of the grain bought.

VARIETY grading of wheat is too far in the future to be of real interest to grain handlers. At best it is but a mark for scientists to shoot at. They are now grading wheat by variety (by guess,?) and then planting it to see if their guess was right. Commercial merchandisers cannot use a grading method that does not give immediate results. The country buyer can make a moisture test; but to ask him to make anything approaching a protein determination is too much.

Big Meeting of Soybean Processors at Columbus

The large attendance at the 27th annual convention of the American Soybean Ass'n left the meetings well informed on "What's Ahead for Soybeans." A group of excellent speakers following the theme on the future of soybeans addressed the convocation which was held on Sept. 4, 5 and 6 at the Deshler-Wallack Hotel in Columbus, O.

On Sept. 4 the opening day, those attending went on a field trip conducted by Dr. Lewis Sabote to the Ohio State University farms, followed by a luncheon in downtown Columbus. On Sept. 5, Walter W. McLaughlin, pres. of the organization, introduced Frank Farnsworth, the Director of Agriculture of the state of Ohio, who welcomed the delegates to Ohio and Mayor James A. Rhodes, of Columbus, who gave the city's official welcome.

O. K. Quivey, manager, agricultural development of the Baltimore and Ohio Railroad, keyed the convention with his address "What's Ahead for Soybeans." Quivey stressed the point that "more recognition must be given by growers to the importance of varietal adaptation as an important factor contributing to the economic production. Much progress has been made, but more is both needed and possible in the elimination of low-oil content varieties and the breeding of more oil-rich varieties."

He continued, "plant only the highest yielding varieties of high germinating seed in properly prepared seedbeds, with weeds controlled by cultivating the growing crop whether planted solid or in rows. Agronomic research developed the varieties Lincoln and Earlyana. The Lincoln, adapted to an area that produces more than half of all the commercial soybeans grown in the United States, in test over a period of six years throughout the area, averaged 20 per cent higher yields than the average of present standard varieties."

Dr. G. E. Hilbert, Director, Northern Regional Research Laboratory at Peoria, Ill., in his report on research at the station said, "During the past year most of the research program on soybeans at the National Regional Research Laboratory was devoted to (1) the development of new and improved methods for separating the oil

from the seed; (2) the enhancement of the flavor stability of soybean oil; (3) the improvement of the quality of soybean meal for the production of food products; (4) the development of new and extended industrial uses for the products of the soybean; and (5) the modification of soybean oil to increase its utilization in the paint and varnish field."

A new development which is now being adapted to commercial use according to Dr. Hilbert is the fractionation of soybean oil into two fractions, each of which is superior to the original oil for certain specific purposes. The solvent used in the process is furfural, which is made from oat hulls, corn cobs, or other agricultural wastes. In the process, the fractionation of the oil takes place by allowing it and furfural to flow counter-currently in a vertical tower Dr. Hilbert stated.

"The Future of Soybean Oil in American Industry" was discussed by Dr. Ralph H. Manley, director of research of General Mills, Inc. In highlighting his subject, Dr. Manley said "On the surface, the fact that non-food industries used only 10 per cent of the soybean oil produced might seem alarming, particularly in view of increasing supplies of coconut, palm, sesame, bassu and other imported edible oils. However, it must be remembered that non-food industries used this relatively small amount of soybean oil only because soybean oil was not available to them. Government restrictions have now been discontinued, and the industrial use of soybean oil is growing rapidly. With the application of wartime technological discoveries, that growth will be further accelerated, all of which indicates a brilliant future for soybean oil in non-food products."

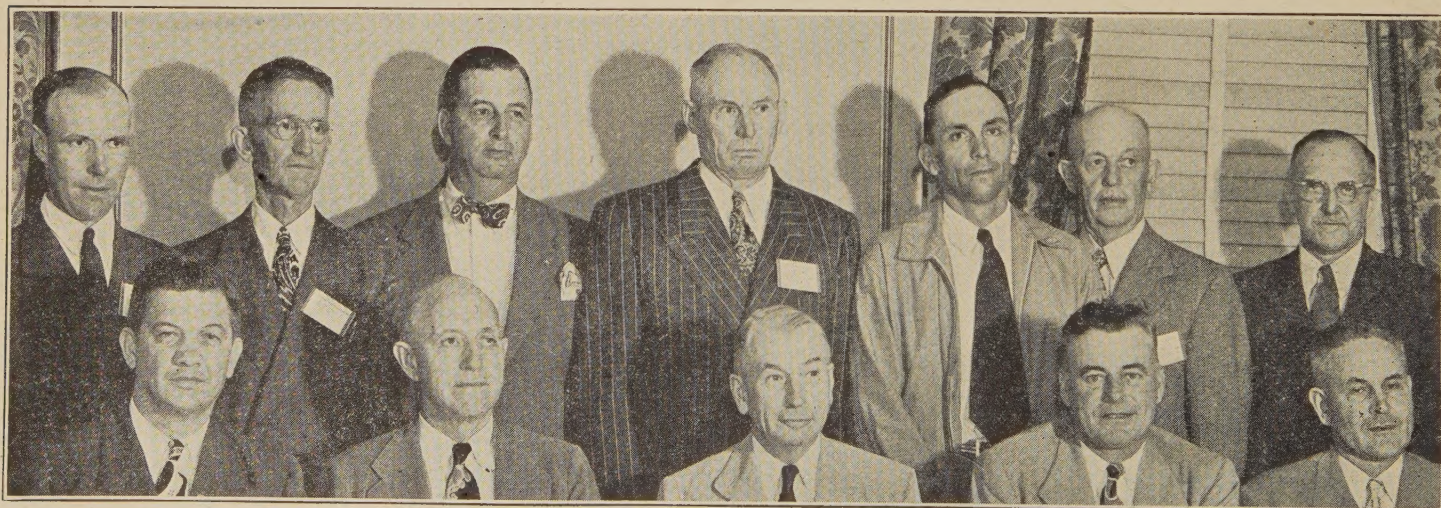
"Perhaps one of the largest users of soybean oil for food purpose is the margarine industry," Dr. R. F. Daubert, of the University of Pittsburgh, Department of Chemistry stated in his report on "Soybean Oil in the Food Industry." He further explained, "Civilian use of margarine in 1945 was the largest on record, at 524 million pounds, of a total output of 613 million pounds. Forty-one per cent of all the fats

used in margarine was soybean oil. On the assumption that the other oils will be used in great quantity, competent opinion seems to indicate that the future use of soybean oil in margarine is predicted to a large degree on the solution of the reversion problem."

The administrator of the Research and Marketing Act of 1946, E. A. Meyer, spoke to the convention on the morning of Sept. 6 on some of the problems and progress of the act in specific reference to soybeans during the last year. He stated that major stress was on two problems, one being the achievement of flavor stability in soybean oil, and the other, working out farm storage methods and facilities for soybeans, so as to prevent a majority of the crop from being thrown on the market soon after harvest.

The important problem of weed control was also discussed on Sept. 6 by Dr. C. J. Willard, Associate in Agronomy at Ohio State University, who said, "Once established, soybeans are a superior weed smother crop. If we can establish a solid cover of soybean leaves above the soil, we need not worry about most of the weeds that germinate thereafter. Practically no weeds can survive under such a canopy. Our problem is to put this cover on top of the weeds. We obtain this, first of all by preparing the soybean land early and keeping it worked from time to time so that it is well settled, and free of weed seeds up to the time of planting the soybeans and with a percentage of weed seeds in the surface layer germinated. Then we work this well-settled seed bed shallow in order to bring up as few new weed seeds as possible, plant the beans shallow in moist soil when the ground is sufficiently warm so that they germinate in a minimum time. This is especially important. Beans planted early fall behind many weeds which can grow vigorously at lower temperatures than soybeans. Soybeans can endure fairly low temperatures, but they do not grow well at them."

One of the concluding addresses was by Fred J. Stark, president of the Siccra Soya Paint Co., Inc., who spoke on "What's Ahead for Soybean Oil in Paints?" Stark said that his laboratories have found a method by which a standard line of high



New Board of Directors of the American Soybean Ass'n, standing: 1 to r, R. H. Peck, River Canard, Ont.; J. B. Edmondson, Danville, Ind.; Howard L. Roach, Plainfield, Ia.; John W. Evans, Montevideo, Minn.; John Dries, Saukville, Wis.; Frank S. Garwood, Stonington, Ill.; Pres. Ersel Walley, Ft. Wayne, Ind. Seated, 1 to r, Secy.-Treas. Geo. M. Strayer, Hudson, Ia.; Walter W. McLaughlin, Decatur, Ill.; G. G. McIlroy, Irwin, O.; Harry A. Plattner, Malta Bend, Mo.; and Vice Pres. W. G. Weigle, Van Wert, O.

quality paints can be made by using carefully refined soybean oil as the sole oil in the paint vehicle. He said, in explaining it further, "We have developed this paint formulation around the characteristics and properties of the oil itself. The quality of this paint depends on the unique properties of soybean oil. This paint formulation is in no sense a conventional paint formula. In our experience a paint properly made from refined soybean oil now possess features which make it superior to any previously produced paint with conventional oil bases. Paint made with soybean oil base exhibits a smooth non-porous, highly durable surface which is very resistant to chalking and does not after-yellow or streak. It will cover almost any type of smooth surface such as wood, cement block or metals. It exhibits a freshly painted appearance for a good many years."

During the business portion of the convention, Ersel Walley, Ft. Wayne, Ind., was elected pres.; W. G. Weigle, Van Wert, O., was elected vice-pres., and George M. Strayer, Hudson, Iowa, was selected sec'y-treas. The new board of directors of the organization includes R. N. Pack, River Canard, Ontario; J. B. Edmondson, Danville, Ind.; Howard L. Roach, Plainfield, Iowa; John W. Evans, Montevideo, Minn.; John Dries, Saukville, Wis.; Frank S. Garwood, Stonington, Ill.; Walter W. McLaughlin, Decatur, Ill.; G. G. McIlroy, Irwin, O., and Harry A. Plattner, Malta Bend, Mo.

An Oregon Elevator and Feed Mill

Pictured on the front cover of this issue is the newly completed feed mill and bulk storage plant of the Grange Co-operative Supply, a co-operative of 2,200 farmers, located in the center of the rich Jackson County district at Central Point, Ore. Facing the Southern Pacific tracks, the building was designed and built by the A. S. Fetterman Co., and is 80' x 150' with a full basement and bulk storage plant in the center, 40' x 40' and 120' high with a cupola 26' x 40'.

The main floor of the warehouse is constructed without posts. The storage plant has 30 bins, of cribbed construction, completely covered with corrugated aluminum. A molasses tank in the basement holds two carloads of molasses. A 20" belt conveyor has been installed from the railroad to the pit and the elevator has a 20-ton Howe scale installed over the front pit to weigh and receive from trucks. A Fairbanks Dial Scale also is part of the equipment. Two Colfax belt conveyors are installed to deliver from the basement to the main floor.

There is a Gerber double distributor with 30 ducts in the cupola. The building is also equipped with Howell head drives, receiving and elevating machinery; 298 clipper cleaner; Sprout, Waldron feed processing machinery and a 50-hp Clayton generator which furnishes steam for processing the feed and also for heating the plant and adjacent spacious office.

According to Henry Gutttau of Mondamin, Iowa it pays to be a farmer. On Aug. 12, Gutttau received \$62,753.27 from the Loveland Elevator Co. for 30,893 bushels of corn at prices of \$1.94, \$2.06 and \$2.18 per bushel. Gutttau owns and operates three farms, totaling 967 acres.

Letters from the Trade

[The grain dealers' forum for the discussion of grain trade problems, practices and needed reform or improvements. Dealers having anything to say of interest to members of the grain trade are urged to send it to the Journals for publication.]

High Prices Discourage Waste

Grain & Feed Journals: The problem now facing the trade is to determine what price will discount the present crop, plus carryover which is variously estimated at between 300 and 375 million bushels. Apparently, hog raisers are skeptical of their chances for profits as there has been a substantial increase in the proportion of light weight hogs in current receipts, suggesting early marketing of unfinished spring pigs. Industrial consumers are strictly on a day-to-day requirement basis. High prices discourage waste and make the crop go farther.—Baldwin Elevator Co., Decatur, Ill.

Texas Growing Undesirable Varieties

Grain & Feed Journals: Texas and Texans face a serious problem that must be met and solved, for I was surprised, as well as astounded, to learn that very little, if any, Texas flour is sold in California, they obtaining most of their flour from Montana, which to my mind is not only unnecessary, but absolutely ridiculous, but in talking to the trade they told me that Texas flour would not stand up against the Montana flour, and I am compelled to say that the bread I ate in California was far superior to anything you can buy in Texas.

Why is this? Simply because Texas produces too much undesirable wheat, such as Chiefkan and other varieties having very poor baking qualities, and this, to my mind, MUST be changed, for some of these days your export demand is going to die, and you will need a market for Texas wheat, and it is ridiculous to learn that very little Texas wheat or flour goes to California.

Understand, I am not posing as an economist, agronomist, or any other kind of an "ist," but if Kanred, Tenmarq, Marquis, and other desirable varieties of wheat will produce as much as Chiefkan, Blackhull, and those other undesirable varieties, then every grain shipper, elevator man, and flour miller should join forces and endeavor to persuade the farmers to plant wheat that they can sell.

For the first time in the 37 years I have been in Fort Worth, several mills in Texas, Oklahoma, and Kansas, as well as California, have refused to buy wheat from me coming from certain Texas counties.

This condition is further emphasized by the fact that for the first time, to my knowledge, Kansas City cash wheat, Southwestern origin, 13% protein, is selling at 6c per bushel under Northwestern origin 13% protein wheat.

So, I am sounding a warning to the members of our Association, without prejudice or bias, as something should and must be done, as Texas wheat and Texas flour are certainly entitled to every available market outlet. Think it over.—G. E. Blewett, sec'y-treas., Texas Grain and Feed Dealers Ass'n, Fort Worth, Tex.

Kansas Does Beat All for Wheat

Grain & Feed Journals: "Kansas Case" seems to keep talking of Kansas. No doubt, it is natural for him to talk about Kansas. If it wasn't for Kansas, Missouri would have cooler weather. That also goes for Iowa and Nebraska. No doubt, Kansas Case can take the blame for the weather as he is the one who is always suggesting that Kansas is such a wonderful place.—D. A. "Dick" Meinershagen, sec'y Missouri Grain, Feed & Millers Ass'n, Higginsville, Mo.

Coming Conventions

Trade conventions are always worth while as they afford live, progressive grain dealers a chance to meet other merchants from the same line of business under favorable conditions. You can not afford to pass up these opportunities to cultivate friendly relations and profit by the experience and study of others.

Sept. 14, 15, 16, 17. Grain and Feed Dealers National Ass'n at Statler Hotel, St. Louis, Mo.

Sept. 27. California Seed Ass'n at Fairmont Hotel, San Francisco, Cal.

Sept. 23. Ohio Grain, Mill & Feed Dealers at Onesto Hotel, Canton, O.

Sept. 28, 29, 30. Illinois Feed Ass'n, Pere Marquette Hotel, Peoria, Ill.

Oct. 1, 3. Northeastern Poultry Producers Council, at the Grand Union Hotel, Saratoga Springs, N. Y.

Oct. 10, 11. The Western Seedsmens Ass'n, President Hotel, Kansas City, Mo.

Oct. 16. Educational Conference for Feed Manufacturers, Distributors and Feeders at Burlington, Vt.

Oct. 20, 21. Southern Mixed Feed Manufacturers Ass'n at Louisiana State Univ., Baton Rouge, La.

Oct. 30, 31. Michigan Associated Feed Men, at the Michigan State Agricultural College, East Lansing, Mich.

Nov. 17, 18. Texas Seedsmens Ass'n, Adolphus Hotel, Dallas, Tex.

Nov. 24, 25. Western Grain & Feed Ass'n, Fort Des Moines Hotel, Des Moines, Ia.

Dec. 11, 12. North Carolina Seedsmens Ass'n at Sir Walter Hotel, Raleigh, N. C.

Jan. 15, 16. American Dehydrators Ass'n, Congress Hotel, Chicago, Ill.

Jan. 26, 27. Northwest Retail Feed Ass'n at Hotel Nicolet, Minneapolis, Minn.

Feb. 1, 3. The Institute of American Poultry Industries, Municipal auditorium, Kansas City, Mo.

Feb. 19, 20. Midwest Feed Manufacturers Ass'n, Kansas City, Mo.

May 5, 6, 7. American Feed Manufacturers Ass'n at the Netherland Plaza Hotel, Cincinnati, O.

June 20, 21, 22. Indiana Grain & Feed Dealers Ass'n, French Lick Springs Hotel, French Lick, Ind.

Many Elevators in Forks Area Blocked

Grand Forks, N. D.—Of the 461 elevators on the Dakota division of the Great Northern railway, 200 of them were reported blocked with grain Aug. 20, F. A. Jerrow, division superintendent, reported.

To relieve this congestion the division is receiving about 100 grain cars daily, which is about one quarter of what is needed, and about one half the amount needed to keep the elevators open. Prospects for the future are uncertain.

Much Wheat on Ground in Pacific Northwest

Seattle, Wash., Sept. 1.—Wheat harvesting in Washington has passed its peak. Combines rapidly are clearing up winter wheat fields, and 50 per cent of the spring wheat crop has been harvested. The grain elevators are filled to capacity in several localities. In the heavy soil areas of the eastern grain belt thousands of bushels of wheat have been piled on the ground temporarily. Spangle, LaCrosse and Genesee areas formed a triangle in which the elevator situation was at its worst. More than 350,000 bushels of wheat have been stored on the ground in that area alone.

Dry pea acreage (late crop) is being combined with fair to good yield indicated. A few farmers in the Big Bend area already have seeded winter wheat for the 1948 crop. Most of the seeding was in the dust and with deep furrow drilling.

High yields are being obtained from the winter wheat crop of Wallowa community. Farmers still are being compelled to haul their bulk grain to the warehouse at Evans, the new elevator not yet ready. Harvest season came ten days earlier than usual. Grain is of excellent quality.

Wheat production in the Pizarro-Ralston, the Lind and Stragg-Ruff areas was down from 25 to 48 per cent under '46.

The Power County, Idaho, wheat harvest is about complete. Sterling Schow, extension agent, estimated the total yield should exceed 3,000,000 bus.—F.H.

Hay Movement in August

Receipts and shipments of hay at the various markets during August, compared with August, 1946, in tons, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	.....	1,005	.....	992
Chicago	1,305	2,353	1,266	530
Ft. Worth	.....	.....	.....	.....
Kansas City	9,990	8,802	6,048	4,248
Portland	.....	.....	.....	.....
Seattle	.....	.....	.....	.....
Los Angeles	2	7	.....	.....

Grain Car Loading

The number of cars loaded with grain and grain products during the weeks ending on dates below, as reported by the Ass'n of American Railroads, have been as follows:

	1947	1946	1945
July 12 ...	71,093	59,027	65,645
July 19 ...	71,933	63,526	68,553
July 26 ...	72,927	59,121	67,849
Aug. 2 ...	71,603	56,392	63,651
Aug. 9 ...	67,303	.....	.....
Aug. 16 ...	63,020	50,309	53,897
Aug. 23 ...	58,016	46,481	.....
Aug. 30 ...	57,439	48,068	.....

Farmers Will hold Wheat

Marketings of wheat are slowing down in the winter wheat belt. Reports indicate that 75 per cent of the terminal receipts are being ordered into storage for farmers. Many farmers will want to hold wheat until the new tax year starting January 1, 1948. Prices have advanced from harvest until the succeeding spring in each of the past eight years. These factors indicate that the tendency will be for farmers to hold tightly at least during the coming four months. If the government is to acquire large quantities of wheat for export, it will be necessary to bid it away from farmers who have it in storage.—Kansas State College of Agriculture.

August Grain Exports

During August 130 shiploads of grain were exported from the United States. The Gulf moved 67 cargoes, eastern ports contributing 48 and 15 moving from Pacific ports. On the gulf, Galveston led with 31 against a record 40 in July, New Orleans had 16 against ten. Houston had 15 against 14, and Port Arthur had five against three. The New Orleans 16-cargo shipment set a record for that port.

Baltimore moved 17 out of scheduled 20 cargoes, Philadelphia moved 16, Albany 11, Norfolk three, New York one, and Bos-

Feed Movement in August

Receipts and shipments of feed at the various markets during August, compared with August, 1946, in tons, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	5,161	6,878	.....	.....
Chicago	24,143	33,436	35,390	40,088
Kansas City	14,130	1,110	35,100	23,910
Milwaukee	180	300	24,420	19,770
Wichita	.....	.....	5,613	11,188

Barley Movement in August

Receipts and shipments of barley at the various markets during August, compared with August, 1946, in bushels, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	14,977	17,599	.....	78,000
Chicago	2,239,000	2,481,000	391,000	413,000
Duluth	1,548,965	678,080	268,375	114,550
Ft. Worth	27,200	6,400	.....	1,600
Hutchinson	26,000	3,200	26,000	3,000
Indianapolis	2,000	2,000	.....	.....
Kan. City	564,800	612,800	475,200	414,000
L. Angeles	270,400	337,600	.....	.....
Milwaukee	4,841,850	4,838,610	1,516,240	732,600
Min'p'lis	18,597,200	14,880,800	7,005,300	6,420,100
Omaha	926,503	756,000	656,332	518,000
Philadelphia	10,984	2,235	291,134	3,870
St. Joseph	205,200	49,400	148,200	22,800
Superior	1,009,113	430,793	33,016	.....
Wichita	1,600	4,800	1,600	4,800

Seed Movement in August

Receipts and shipments of seed at the various markets during August, compared with August, 1946, in bushels, except where otherwise indicated, were:

FLAXSEED				
	Receipts		Shipments	
	1947	1946	1947	1946
Chicago	64,000	26,000	12,000	19,000
Duluth	.....	.....	.....	.....
Superior	12,020	209,650	.....	133,205
Min'p'lis	2,125,000	2,725,100	270,300	481,100
Superior	348	225,791	.....	218,072
SORGHUM				
Ft. Worth	2,497,600	1,976,800	1,031,200	621,600
Indianapolis	6,400	.....	.....	.....
Kan. City	467,250	528,500	397,250	369,250
St. Joseph	23,140	8,900	7,120	.....
CLOVER (Lbs.)				
Chicago	41,000	504,000	42,000	.....
Milwaukee	.....	82,000	8,234	1,510
TIMOTHY (Lbs.)				
Chicago	750,000	1,508,000	347,000	730,000
Milwaukee	.....	221,166	40,000	.....

ton none. On the Pacific Coast, Columbia led with six cargoes, Puget Sound moved four, and five moved through various California ports.

Wheat Movement in August

Receipts and shipments of wheat at the various markets during August, compared with August, 1946, in bushels, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	5,737,933	1,651,246	2,840,388	1,562,700
Chicago	13,380,000	4,494,000	10,704,000	3,942,000
Duluth	3,431,430	4,685,980	2,770,360	3,560,200
Ft. Worth	5,328,400	2,135,000	2,548,400	2,219,000
Hutch's'n	15,123,000	3,395,000	12,373,000	3,874,000
Ind'apolis	3,663,000	1,245,600	1,731,600	549,000
Kan. City	32,472,000	15,890,400	14,184,800	10,810,300
L. Angeles	334,600	576,800	.....	.....
Milw'kee	2,081,600	1,950,310	1,166,601	1,032,681
Min'polis	11,816,700	11,104,400	4,023,900	3,891,300
Omaha	11,422,464	8,232,464	4,681,600	4,233,600
Phila'phia	5,955,991	2,103,464	3,986,231	1,591,721
St. Joseph	3,641,990	2,249,830	977,400	1,569,270
Superior	2,618,033	3,365,220	2,049,299	3,490,273
Wichita	3,648,600	1,569,600	2,829,600	2,293,200

Corn Movement in August

Receipts and shipments of corn at the various markets during August, compared with August, 1946, in bushels, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	1,869,817	293,020	2,067,346	44,000
Chicago	7,735,000	6,165,000	5,953,000	5,112,000
Duluth	.....	8,090	1,640	4,830
Ft. Worth	186,000	199,500	24,000	22,500
Ind'polis	1,239,300	1,298,500	809,200	844,900
Kan. City	2,364,700	1,224,000	1,234,500	856,500
L. Angeles	265,500	138,000	.....	.....
Milwaukee	860,680	566,430	97,350	37,170
Minneapolis	902,700	436,900	1,028,500	647,700
Omaha	3,716,592	2,487,997	4,055,908	2,142,100
Philadelphia	44,983	249,939	244,254	261,203
St. Joseph	711,040	668,800	513,920	362,560
Superior	231	10	.....	.....
Wichita	6,800	5,100	.....	1,700

Oats Movement in August

Receipts and shipments of oats at the various markets during August, compared with August, 1946, in bushels, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	113,437	2,931,322	178,504	852,493
Chicago	6,961,000	7,919,000	3,807,000	9,884,000
Duluth	2,307,325	1,548,765	866,445	585,850
Ft. Worth	138,000	336,000	174,000	106,000
Hutchinson	.....	1,700	.....	1,700
Indianapolis	697,500	1,285,000	640,000	810,000
Kan. City	400,000	1,798,000	200,000	1,152,000
L. Angeles	110,000	194,000	.....	.....
Milwaukee	655,500	605,350	408,350	358,230
Min'polis	10,110,000	10,105,000	4,555,000	7,955,000
Omaha	1,513,243	1,874,529	895,639	1,311,200
Philadelphia	2,482	2,243,113	63,348	1,373,810
St. Joseph	722,160	710,360	14,160	148,680
Superior	929,133	528,270	109,338	69,240
Wichita	24,000	8,000	24,000	8,000

Rye Movement in August

Receipts and shipments of rye at the various markets during August, compared with August, 1946, in bushels, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Baltimore	89,901	24,907	.....	5,000
Chicago	257,000	216,000	126,000	76,000
Duluth	75,785	.....	.....	.....
Ft. Worth	8,310	6,648	.....	.....
Hutchinson	1,500	.....	1,500	.....
Indianapolis	30,600	7,200	48,600	12,600
Kan. City	61,500	51,000	15,000	31,500
Los Angeles	1,662	1,662	.....	.....
Milwaukee	30,780	6,480	18,810	5,130
Minne'polis	371,500	977,500	561,000	498,600
Omaha	393,992	399,905	126,000	295,200
Philadelphia	.....	19,366	.....	8,737
St. Joseph	8,650	6,920	19,030	1,730
Superior	47,632	431	.....	.....
Wichita	6,250	3,500	5,250	3,500

Soy Bean Movement in August

Receipts and shipments of soybeans at the various markets during August, compared with August, 1946, in bushels, were:

	Receipts		Shipments	
	1947	1946	1947	1946
Chicago	115,000	319,000	318,000	249,000
Indianapolis	17,600	22,400	20,800	184,000
Kan. City	69,700	115,600	34,000	.....
Minneapolis	78,200	3,400	224,400	.....
Omaha	8,000	22,400	3,200	83,200
St. Joseph	64,750	19,250	3,500	1,750

New and Up-to-Date Feed Mill of Large Capacity

Fireproof and of all concrete construction, the new feed mill being erected at Glencoe, Minn., for the Farmers & Merchants Milling Co. will be the last word in economy and efficiency. The reproduction of the architect's drawing herewith shows the plant as it will appear when completed.

The modern office building now nearing completion is of brick and concrete.

Contracts have been awarded and construction is underway for the replacement of the first two of six buildings lost in the disastrous fire of March 25 at the Glencoe plant.

L. H. Patten, manager of the company since 1938, has had the plant completely reengineered and laid out in accordance with best practices and with convenience and efficiency in mind. All construction is to be of poured reinforced concrete and entirely fireproof. The modern office building now nearing completion is of brick and concrete.

Fred J. Holtby, vice-president and engineer for T. E. Ibberson Co., has worked on these plans practically since the day of the fire loss and is to be given great credit for the efficient layout of the plant.

McKenzie-Hague-Simmons Co. of Minneapolis is contractor for the plant buildings. T. E. Ibberson Co. of Minneapolis has the contract for furnishing and installing all equipment.

The first mill unit to be completed will be an 80 ft. high custom and commercial unit with a combined capacity of 400 tons daily. Provisions have been made for the installation of one 50-ton and one 20-ton Fairbanks motor truck scales, Strong-Scott batch and molasses mixers, Jacobson Hammer mills, California Pellet mills, etc.

Provision has been made for a large, continuous flow feed processing plant, a 100,000-bu. elevator and a 1,000 cwt. flour mill. All units in this long range plan have been relocated on the property to insure their most advantageous position with re-

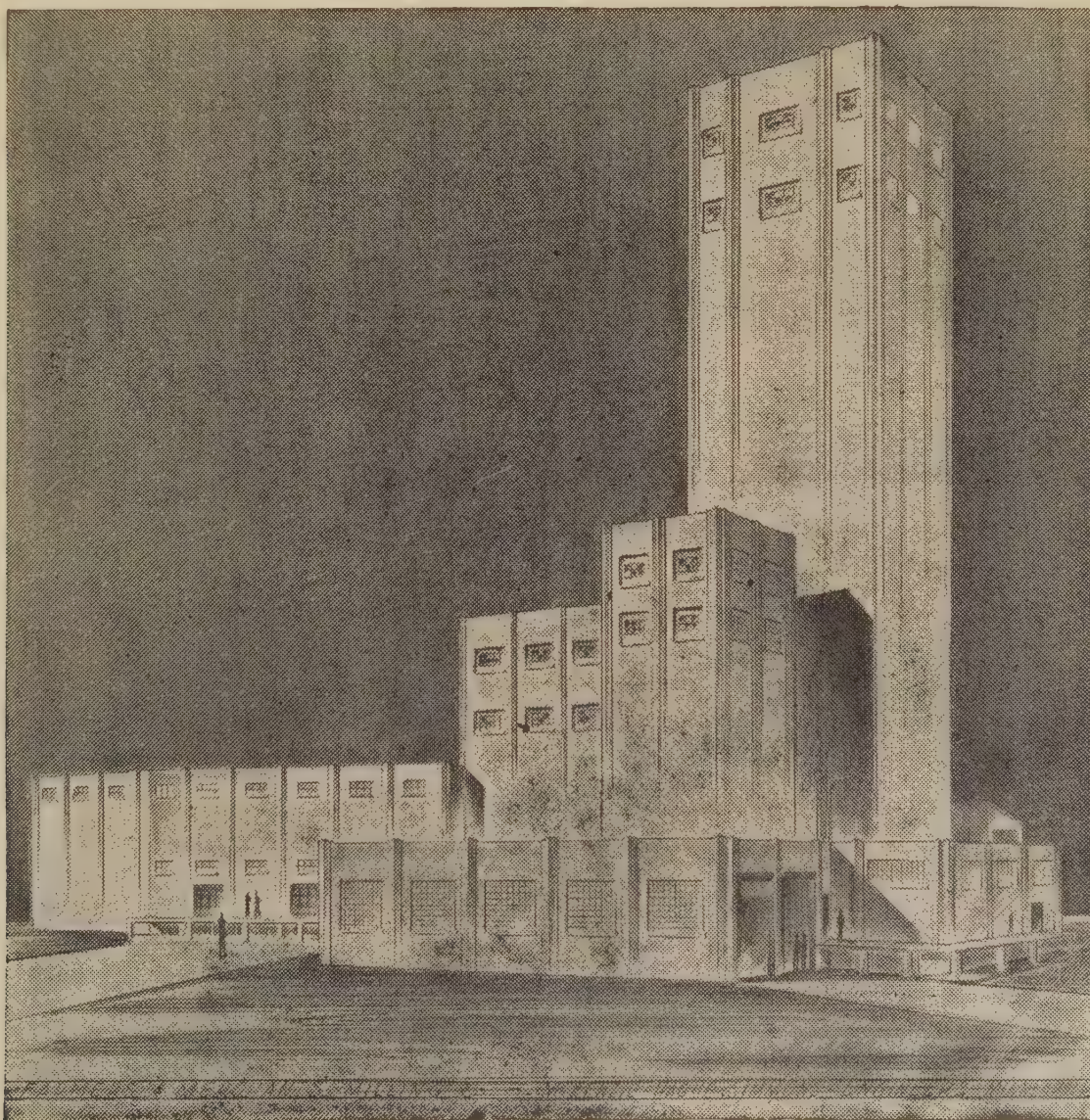
spect to the other units.

A unique plan has been provided for the servicing of custom grinding. A double driveway rather than a single one permits servicing three customers at one time rather than just one. The first lane takes care of weighing and dumping the grain, the return lane delivers the ground grain and all retail purchases directly to the truck.

The milling company, organized in 1917 as a local corporation, has had unusual success over a long period of steady growth. It is the feeling that these first units now being built will be the forerunners of many more to follow and that the company will continue to prosper as in the past.

L. H. Patten, manager for the past nine years, came to the company after serving fourteen years as chief chemist and production manager at the State Mill & Elevator, Grand Forks, N. D.

GRAIN EXPORT quotas for October announced Aug. 19 by the U. S. Department of Agriculture total 1,213,400 long tons (45,685,000 bushels) of wheat, flour (in wheat equivalent) barley, and grain sorghums. No corn is included in the October grain export program. The October figure compares with the September export quota of 1,196,900 long tons.



Flour mill, 100,000-bu. Elevator and Feed Mill of Farmers & Merchants Milling Co., at Glencoe, Minn.

National Grain Trade Council Directors to Meet

The directors of the National Grain Trade Council will hold their fall meeting at St. Louis, Mo., on Sept. 17, following the annual convention of the Grain & Feed Dealers National Ass'n.

H. H. Green To Be National President

Henry Hatch Green, Pattonsburg, Mo., has been selected as president-elect of the Grain and Feed Dealers National Ass'n, and will be installed during the Association's convention September 14-16 at St. Louis, F. Peavey Heffelfinger, Minneapolis, retiring president, announced.

Green, who is owner and operator of the H. H. Green Mill & Elevator Co. at Pattonsburg, has been first vice-president of the organization since 1945. A long time member of the 51-year-old association, Green has been director since 1933.

The 57-year-old Pattonsburg man will be the first Missourian to head the Ass'n since 1906.

The grain and feed dealers of Missouri will honor him with a special reception before the convention banquet on Sept. 16 in the Statler Hotel.

Green, who was born on a farm near Monroe City, Mo., opened his first business, a feed store, in Monroe City. In 1917, he purchased a grain elevator at Pattonsburg and later added elevators at Kidder, Hamilton, Breckenridge, and Lock Springs, Mo. He also has four farms now where he raises a considerable number of livestock.

Active in Pattonsburg business and civic affairs, Green has been president of Pattonsburg's First State Bank since 1928. He has also served as president of the Pattonsburg School Board and the Board of Public Works, chairman of the local Boy Scouts committee, and president of the Missouri Grain Dealers & Millers Ass'n.



H. H. Green, Pattonsburg, Mo., Next President of Grain & Feed Dealers National Ass'n

Creighton Will Address Poultry and Egg National Board

Hobart Creighton, speaker of the House of Representatives of the State of Indiana and operator of the world's largest commercial leghorn poultry farm, will address the Poultry and Egg National Board "Powwow Breakfast" at St. Louis Sept. 16, in connection with the fifty-first annual convention of the Grain & Feed Dealers National Ass'n, Sept. 14-16.

Creighton, who was the organizer and first director of the Department of Agriculture poultry branch, will speak on the marketing of eggs and poultry at the breakfast which is an annual feature of the convention.

He is president of the Poultry and Egg National Board and president of the National Poultry Producers Federation. He was the first poultry industry leader to be selected as a director of the board of the Chicago Mercantile Exchange and has for many years been an outstanding leader in the poultry industry.

Creighton's Leghorn farm, which has 60,000 laying hens, has been featured in national motion picture and newspaper articles.

The breakfast will be based on the Indian "Powwow" theme and several authentic Indian chiefs of historically famous tribes have supplied genuine Indian awards for presentation to three leaders in the feed dealer industry. Other Indian awards will be given to state and regional leaders.

Entertainment will be in the form of Indian music.

More than 1,000 grain and feed dealers are expected in St. Louis for the Association convention.

Weighmasters to Meet at St. Louis

The Terminal Grain Weighmasters National Ass'n will hold its 27th annual meeting at St. Louis, Mo., on Sunday, Sept. 14.

Chief Grain Inspectors to Gather at St. Louis

The Chief Grain Inspectors National Ass'n will hold its 43d annual meeting at St. Louis, Mo., Sept. 15.

The inspectors will hold a joint luncheon with the weighmasters on Sept. 14.

Ohio Dealers to Meet Sept. 23

On Sept. 23, the Ohio Grain, Mill and Feed Dealers Ass'n will hold a fall meeting with special emphasis on feed at the Onesto Hotel, Canton, O., according to an announcement on Sept. 1 by C. V. Thomas, sec'y of the organization. Robert M. Hess of the Ceras Supply Co., Massillon, O., is in charge of arrangements and it has been announced that Dr. R. M. Bethke of the Ohio Agricultural Experiment Station, Wooster, O., will be the principal speaker.

MORE than 100 combine outfits and 500 crewmen by-passed South Dakota on Aug. 9 when they refused to pay compensation tax on the trucks. The tax was waived during the war years under special wartime powers of the governor but Gov. George T. Mickelson refused to do so this year. Highway patrolmen stationed at the North Dakota border had demanded \$160 tax on each of the 200 trucks in the group.

Variety Grading of Wheat

The question of whether or not varietal grading by visual examination of wheat kernels is practical and effective is being tried out at various places. Many types of wheat have been graded by visual examination, and then planted to determine whether or not the type attributed to the kernels is correct. While the results so far are not conclusive, they are not yet very promising.—Herman Fakler of Millers National Federation.

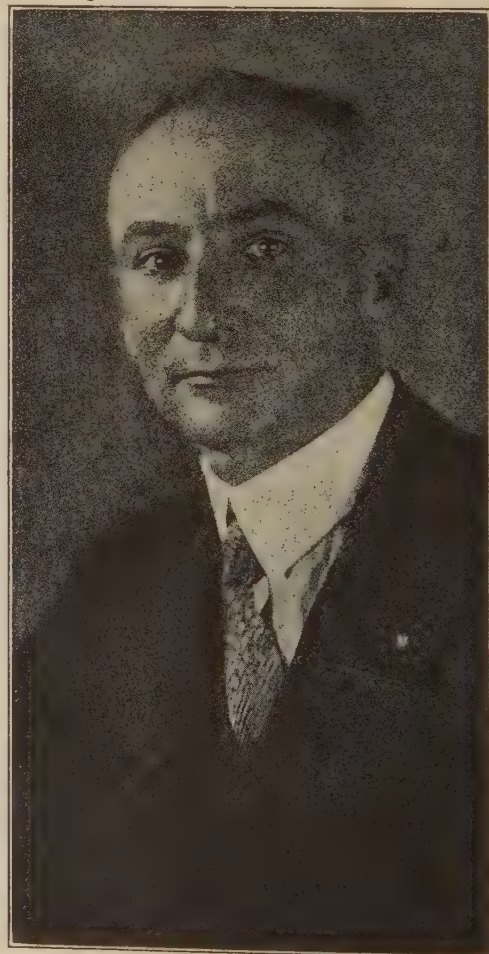
J. J. Kraettli Passes

J. J. Kraettli, former president of the Kansas City Board of Trade, died Sept. 3, of natural causes while on the way from his office to his home.

Kraettli, who was 63, had been active in the Kansas City grain business for 44 years. He joined the E. D. Fisher Commission Co. in 1903, and remained with that firm until Mr. Fisher's death in 1927. Then he and J. E. Rahm operated a grain company under the latter's name until 1940. In 1940, he formed the J. J. Kraettli Grain Co.

Mr. Kraettli had held the longest term as pres. of the Kansas City Board of Trade. He finished the remaining six months of the term of J. A. Theis, who died in 1928 and was elected to succeed himself in 1929. For 10 years he was a Kansas City delegate to meetings in Washington of the United States Chamber of Commerce.

He is survived by his wife, three sisters and four brothers. Funeral services were held Sept. 6 in Kansas City. Burial was in the Forest Hill Cemetery.



J. J. Kraettli, Kansas City, Mo., Deceased

From Abroad

The British Ministry of Food has canceled its October allocations of wheat and flour from the United States to reduce its international trade deficit.

Mexico City, Mexico.—The government plans to construct grain elevators throughout Mexico to eliminate the danger of serious loss of vital cereals because of lack of adequate transportation.

Washington, D. C.—The Colombian wheat allocation for August was raised by USDA action by a supplemental allocation of 1,000 long tons to be procured by the Commodity Credit Corporation.

Tegucigalpa, Honduras.—Three Tampa, Fla. business men, Robert P. Campbell, Homer Truitt, and Chandler Ehrman, are establishing a rice polishing mill in this city.

Prague, Czechoslovakia.—The Czech government has recently announced that it has concluded a commercial agreement with Argentina for the shipment of 30,000 tons of wheat each year until 1951. Also included in the transactions are shipments of corn and wool.

Capetown, South Africa.—According to the Standard Bank of South Africa, the corn crop of the Union of South Africa is now estimated at 22,993,000 bags. Compared with the recent average harvest this shows a slight improvement and also a small surplus above domestic requirements.

Stanley N. Jones, pres. of the Winnipeg Grain Exchange, was reported to have asked Prime Minister MacKenzie King to change Canada's grain marketing policy and let prices "rise to their proper values in relation to the price being paid to producers in other countries."

Ireland, according to officers of the Irish Department of Agriculture, will have the best harvest in 40 years with a strong possibility that bread rationing will be abolished. Ireland is the only country that has virtually escaped the drouth this year.

Sidney, Australia.—Australia's rice harvest this year is estimated by the Rice Association of Australia at 55,250 tons but only about 8,000 tons will go on the local market. At least 47,000 tons will be sent to Malaya and other British possessions in the Pacific. The average rice yield in Australia was 92 bus. to the acre.—P.

Rio de Janeiro, Brazil.—Although Brazil now produces only 120,000 tons of wheat to meet the country's annual consumption of 1,200,000 tons, belief that the country is capable of producing enough wheat for export has been expressed by the Brazilian central price committee. Plans are now under way by the committee to increase wheat production to supply current local demands.

Lake Success, N. Y.—The Food and Agricultural Organization of the United Nations has placed the minimum grain import needs for Europe, North Africa and Asia in the next 12 months ending July 1, 1948 at from 1,133,300,000 bus. to 1,266,000,000 bus., while surplus grain supplies available for export are estimated to range from 1 billion to 1,133,300,000.

Frankfurt, Germany.—American military government investigators have found 62 per cent more bread grain on farms of Wuerttemberg-Baden than German officials reported. Sumner Sewall, military govern-

ment director, told German officials to review their faulty estimates and to establish new collection quotas reflecting actual production, thus perhaps reducing the amount of grain it will be necessary to import from the U. S.

Equalization Fee Protested

The continuing collection of the equalization fee from Alberta seed oats and barley growers is discriminatory when a like fee is not required from exports by eastern growers and from growers marketing oats or barley for seed or feed, A. M. Smith, general manager of the Alberta Seed Growers Ass'n, declared in a protest presented to the Dominion Government. Last year, he said, Alberta growers had paid as high as 42 cents for an equalization permit fee on export seed oats to the United States. Smith added that a market outlet for quality cereal seed could not be established under such conditions.

The Saskatchewan Co-operative Seed Growers and the central selling agency of the co-operatives have also lodged protests with the government.

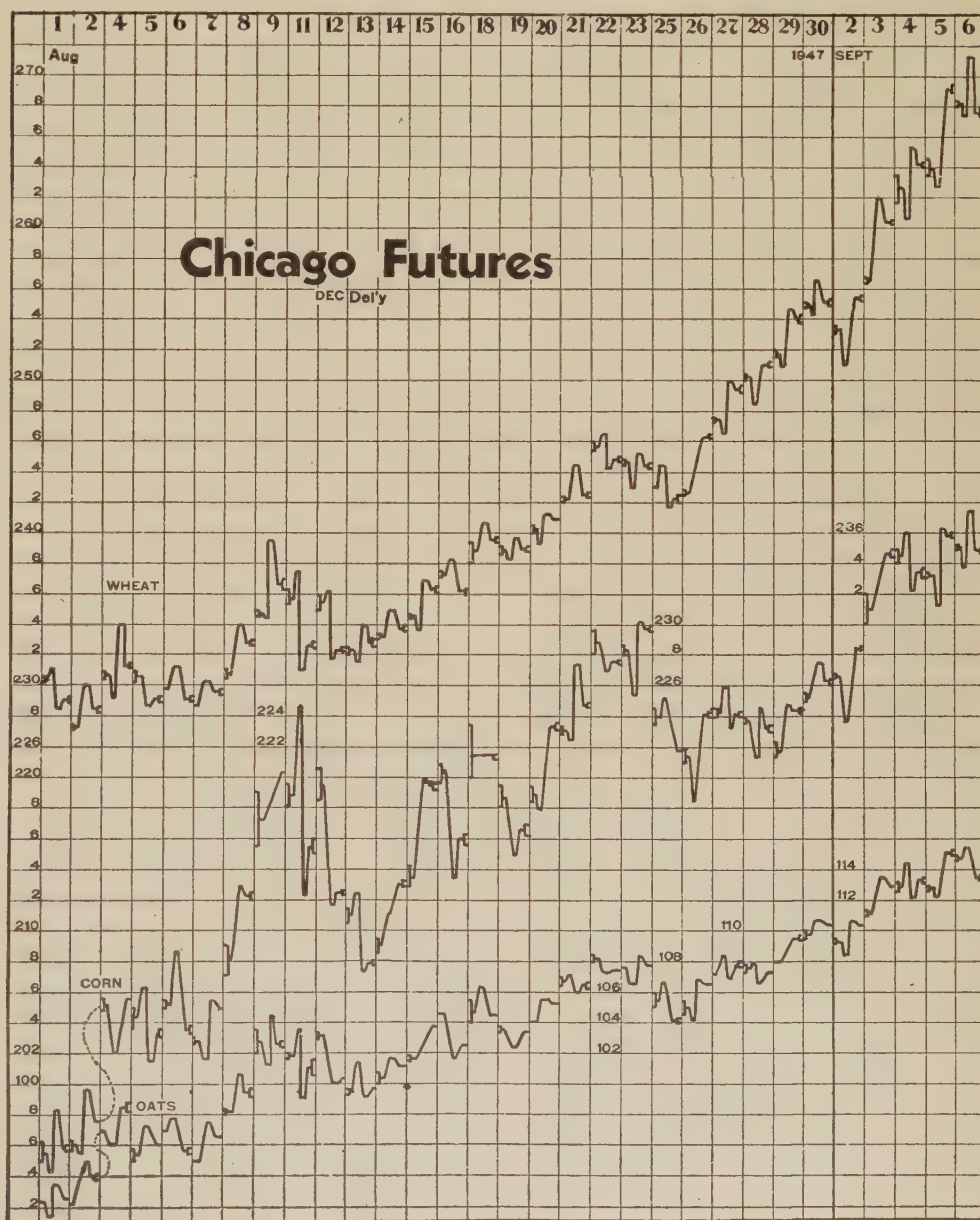
Argentina Continues Grain Export Monopoly

Argentina's Industry and Commerce Department confirmed the official grain monopoly by a decree issued the end of June. The decree gives the government a close hold over the grain export trade, as an important source of revenue for its industrialization plans.

Under the decree, the director of exports and imports grants corn export permits for the 1946-47 period and all subsequent crops, when applications are presented by the Trade Promotion Institute or by firms which have purchased the grain from that organization.

A similar measure has been adopted for other grains.

WASHINGTON, D. C., Aug. 22.—Flour mills reported the production of 24.2 million sacks of wheat flour in June, according to the Bureau of the Census. This represented a slight decline from the May total of 24.4 million sacks, but an increase of 38 per cent over June 1946 production. Reporting mills operated at 83.9 per cent of capacity as compared with 81.1 per cent in May.



Drouth in Europe

A drouth similar to that which threatens the U. S. corn belt is threatening to damage the large European crop prospects. In Germany, the worst drouth in 50 years has damaged all crops. The loss in the potato crop is expected to exceed 25 per cent generally and to range to nearly 50 per cent in some sections. Many forest fires have been reported, and the drinking water supplies in such cities as Munich and Wiesbaden are running low.

Most of the French wheat crop was harvested before the drouth, but last winter's freeze had already cut the harvest by 30 per cent. According to official estimates, France needs 5,000,000 tons of wheat this year. The August drouth will seriously affect the second fodder cutting, possibly wipe it out and this will mean a drastic shortage of food for live stock. Thousands of dead fish are floating in the Seine.

Scattered rains over most of Italy the end of August ended a 42 year record heat wave and accompanying drouth. In Britain there had been no general rain since Aug. 6 and Aug. 23 was the 10th successive day with a temperature of 80 degrees or more in London. Sugar beets, late potatoes, and vegetables have been damaged by the lack of rain but the 1947 harvest prospects remained good.

Baldwin Crop Report

Decatur, Ill., Sept. 6.—Preparation of seed beds for wheat is moving right along, showers and rains have been most helpful.

Many oats in country elevators are still in the sweat and cannot be moved even at prevailing high prices. Farmers are using oats freely as feed and considerable wheat will be used for feed as long as corn prices are on a higher range than wheat.

While the past week brought relief from the extremely hot weather, with showers and rains at many scattered points, the corn crop has been severely reduced by the prolonged hot and dry weather in August. In many sections relief did not come in time, altho it did stop deterioration and will help to make heavier grains where the corn is in the roasting ear stage, and will start the late corn to filling.

The crop is so spotted and uneven that you can see everything from good corn to poor and some not likely to be harvested as merchantable corn at all, depending entirely on time planted and the amount of rainfall received. It actually is a mixed up mess, with the irregular showers we have had.

Generally, stands are not up to average, plants are stunted and have smaller ears. Corn is maturing more rapidly than normal due to the heat and lack of moisture. The best fields will not come up to last year's yield. From all indications, yields ranging from 35 to 50 bushels will be considered good this fall. The badly fired and late corn will be poor to questionable as to the final outcome.

Grass and weeds are beginning to show up in soybeans, especially in the drilled fields. This crop also lost ground during August. Recent rains stopped deterioration and will help filling. The height of the bean plants in the main producing belt is below average and rains came too late for average production.—Baldwin Elevator Co.

Smaller Crop of Mustard Seed

Washington, D. C., Sept. 2.—Production of mustard seed in Montana, California and Washington is forecast at 26,830,000 pounds this year. This is the smallest crop since 1940 and compares with 42,890,000, the third largest crop on record, produced in 1946.

The average yield per acre of mustard seed for all states is indicated at 319 pounds on the basis of the condition and yield outlook on about Aug. 15. This yield compares with 452 pounds in 1946 and 441 pounds the average. In Montana, where 91 per cent of the total acreage is being grown this year, above normal rainfall in June gave the late seedlings a fairly good start, but dry hot weather in July reduced yield prospects sharply. On Aug. 15, the Montana yield was indicated at 320 pounds per acre compared with 450 pounds last year and 442 pounds the average.—USDA.

Cargill Grain Crop Review

Minneapolis, Minn., Sept. 4.—Harvesting of small grains is nearing completion, with only scattered northern sections reporting any considerable amount still to be done. Recent showers resulted in some delays, but damage has been relatively light. In the wettest spots, particularly the northern Red River Valley, a few fields were under water for a time, and in a few cases sprouting in the shock and windrow resulted. For the most part, however, yields and quality of small grains and flaxseed were good to excellent. Late sown fields were the exception, with the hot dry weather resulting in some lowering of yields and test weights in the Dakotas and especially in Montana.

The progress of the corn crop continues to vary with the weather. Tho no general rains have fallen, scattered light to heavy showers have gone a long way in relieving the dry topsoil. While some of the late fields on lighter soils were burned beyond recovery, the bulk of the crop can still utilize the moisture to good advantage. The final outcome, with regard to quantity and especially quality, is still dependent upon growing conditions. Early planted fields are making mostly good progress, but the late corn will require not only moisture, but also heat, and late frosts for best results.

Soybeans and sorghum grains have apparently withstood the hot dry weather much better than corn. Condition and progress of these grains is spotty, however, and more moisture is needed in the dry sections of the Southwest and the soybean belt to bring the crops thru.—T. J. Totushek, editor.

The average size of commercial farms is tending to increase.

Oak Park, Ill.—Al. J. Conn, pres. of the Gridley Farm & Tool Co. sets the style for modern commuting. Conn does all of his commuting by air in his own Piper Super Cruiser from the Elmhurst, Ill., airport near his home to his office at the plant in Gridley, Ill. nearly 100 miles away. He has been doing it for four months and hasn't missed a day in his office. Only once has bad weather made him late for dinner at home.

Supply Trade

Van Wert, O.—W. C. Morrison of the Morrison Tool & Engineering Co., has built a grain loader invented by Oscar P. Wannenmacher of Cloverdale that conveys grain from wagon to bin at the rate of five and three quarters bushels per minute.

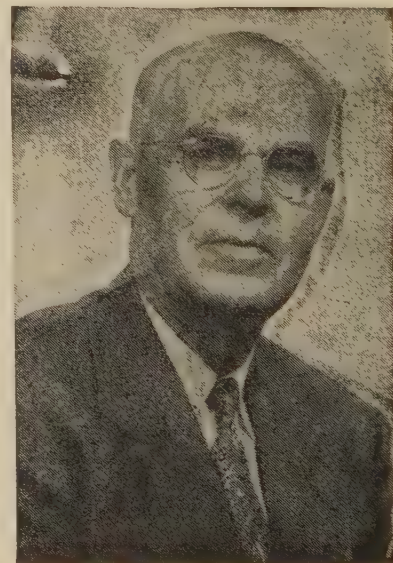
Springfield, O.—Bauer Bros. Co. has issued Bulletin M3 illustrating and describing triple and single air gap magnetic separators available in a wide range of sizes. Powerful and permanent Alnico magnets extract tramp iron from free flowing grain.

Philadelphia, Pa.—Samuel Spring, formerly a research specialist for the Federal Government, has been appointed to the Research and Development staff of the Pennsylvania Salt Mfg. Co. He will have charge of the inorganic research group at Pennsalt's Whitemarsh Research Laboratories.

Chicago, Ill.—James B. Elliott, former divisional manager for Link-Belt's Caldwell plant products in Chicago, has been appointed divisional sales manager for the company's plant in Minneapolis, Minn. Erwin A. Wendell has been appointed to replace Elliott at the Caldwell plant. Wendell formerly was district sales manager at the Pershing Road plant. T. W. Matchett, the company also announced, will be district sales manager at the Pershing Road plant. Matchett leaves his job as district sales engineer at New York.

F. J. Holtby, Plant Engineer

Great credit for the efficient arrangement of the new plant of the Farmers & Merchants Milling Co., at Glencoe, Minn., illustrated and described elsewhere in this number goes to Fred J. Holtby, vice-pres. and engineer for the T. E. Ibberson Co., who worked out the details of the design and in matching up the equipment with the results required, with due regard to production at low cost.



F. J. Holtby, Minneapolis, Minn.

H. C. Edwards, Jr., Joins B. I. Weller Co.

Mr. Edwards, formerly with the engineering and equipment divisions of The American Can Co., has been placed in charge of production of the Calumet Super Capacity Elevator Cup and other sheet metal equipment manufactured for grain elevators and flour mills by the B. I. Weller Co., Chicago.

During World War II Mr. Edwards, an engineering B.S. alumnus of Northwestern University, served with the Naval Reserve as officer in charge of the O.G.U. at Great Lakes, Ill., and as executive and personnel officer of the Naval Training Distribution Center, Williamsburg, Va. At the close of the war he was discharged with the rank of commander.



H. C. Edwards, Jr., Chicago, Ill.

Export Allocations of Dry Beans and Peas

July-December 1947 export allocations of 771,000 bags (100 pounds each) of dry beans and 1,900,000 bags of dry peas for specified areas outside the Western Hemisphere were announced Sept. 2 by the U. S. Department of Agriculture.

The allocations of dry beans include 297,600 bags for Italy, 176,400 for the United Kingdom, 132,300 for Austria, 66,100 for Greece, 6,600 for Switzerland, 2,200 for Ireland, and 89,800 as a contingency reserve.

Government Wheat and Flour Purchases

The Production and Marketing Administration of the United States Department of Agriculture bought 6,020,400 bus. of wheat during the period from noon Aug. 22 to noon, Aug. 29. Purchases of flour during the week thru August 29 totaled 59,011,700 pounds. No corn, oats, barley, or grain sorghums were bought that week.

The wheat was bought through the Portland, Ore. (1,873,333 bus.), Chicago (408,600 bus.), Kansas City (3,515,829 bus.), and Minneapolis (222,638 bus.) offices.

From July 1 thru noon Aug. 29, PMA bought 81,804,639 bus. of wheat, 2,710,417 bus. of barley, and 1,380,000 bus. of grain sorghums. Purchases of flour thru Aug. 29 totaled 646,111,700 pounds. All grain and flour purchases have been made to fill export allocations.

Cargill's New Officers

Directors of Cargill, Inc., have elected H. Terry Morrison vice president in charge of the mechanical division. Walter F. Gage was named assistant vice president in the sales division, and E. K. Peterson was appointed assistant vice president in charge of the seed division. All officers of the company were re-elected. The following were re-elected to the board of directors: John H. MacMillan, Jr., Austin S. Cargill, Cargill MacMillan, E. J. Grimes, John G. Peterson, Julius Hendel, Howard I. McMillan and Fred M. Seed.

Mr. Morrison is a native of Virginia, and for many years was a commission broker on the New York stock exchange. He served in both World War I and II, his last assignment being deputy chief of staff, Army Air Forces, training command, with the rank of colonel. He has been acting head of the mechanical division for the past year.

Mr. Gage has been associated with Cargill for the past eleven years. His background embraces grain merchandising at Minneapolis, Washington, D. C., and Buffalo, N. Y. He was manager of Cargill's Buffalo branch until a year ago, when he returned to Minneapolis to participate in the management of terminal branch offices of the company.

Mr. Peterson has just rounded out an even twenty years with Cargill, all of them spent in buying and selling of field seeds. His foresight and untiring energy are largely responsible for the development of Cargill hybrid seed corn.

Dry Edible Bean Support Prices

Support prices ranging from \$7.25 to \$9.45 per 100 pounds by specified classes for 1947-crop dry edible beans, U.S. No. 1, cleaned and bagged, F.O.B. country shipping points, were announced Sept. 4 by the Department of Agriculture.

The support prices reflect 90 per cent of the parity price as of Aug. 15. The national average of parity on that date was \$7.92 per 100 pounds. On the same date last year it was \$6.81. Support prices for 1946-crop beans ranged from \$6.50 to \$8.75 per 100 pounds.

Support prices per 100 pounds, net weight, for U.S. No. 1 beans, cleaned and bagged, F.O.B. country shipping points, are as follows: Pea and medium white, \$7.60; Great Northern (Idaho) \$7.25, (Montana and all counties of Wyoming except Goshen, Laramie, and Platte) \$7.35, (Other areas) \$7.45; small white and flat small white, \$7.80; Red Kidney, \$9.10; Pinto (Utah and counties of Dolores, LaPlatta, Mesa, Montezuma, Montrose, San Miguel in Colorado) \$7.80, (other areas) \$7.90; cranberry, \$8.45; pink, \$7.90; small red, \$7.45; baby lima, \$7.85; standard lima, \$9.45.

Support prices for U.S. choice handpicked and U.S. Extra No. 1 are 10 cents per 100 pounds net weight more than the applicable support price for U.S. No. 1. U.S. No. 2 beans are supported at 15 cents per 100 pounds net weight less than the applicable price for U.S. No. 1.

PRICE control of corn syrups, corn sugars, corn syrup solids and blended syrups containing 10 per cent or more of corn syrup has been abolished.

Cargill Opens San Francisco Branch

A branch office at San Francisco, Cal., has been opened, adding another link to the coast-to-coast grain service of Cargill, Inc., extending from Boston, Mass., and Tampa, Fla., to Portland, Ore., and now San Francisco.

This office has been opened in the interest of expanding outlets for surplus grain which normally moves from the great midwest to the west coast. In addition to grain, merchandising of coconut oil and meal manufactured for Cargill at San Francisco, will also be undertaken.

Management of the new office is under the direction of William F. Drum, who has been manager of the company's grain operations at Washington, D. C., for the past four years. Prior to that time Mr. Drum had several years' grain trading experience in the St. Louis branch, and for three years was a field representative for the Cargill Crop Bulletin.



Wm. F. Drum

To Confer on Grain Exports

Dr. John R. Steelman, special adviser to the President in answering a letter from R. C. Woodworth of Minneapolis, chairman of the National Grain Trade Council asking for a food conference to re-examine the export program in the light of the sharply reduced corn crop stated that he would call a meeting of the cabinet special food committee as soon as he returns from Brazil. The cabinet committee is headed by Secretary of Agriculture Anderson, who is currently in Hawaii. Other members are Secretary of State Marshall and Secretary of Commerce Harriman.

Preliminary Report of House Agriculture Committee

In its preliminary report on a sound agricultural program based on an economy of abundance, the House Agriculture Committee declared that no clearly defined national agricultural policy has existed since about 1920 and because of this, all agricultural programs and activities for the past two and a half decades, lacking an overall guiding purpose, have been undertaken in haphazard fashion one at a time to meet each specific agricultural problem as it arose.

Before the job of writing specific legislation can be attacked, the committee feels that eleven questions must be covered satisfactorily. The most important of these unanswered questions are: How is agricultural production to be shifted from surplus production to those in which additional production is desired? and: Are price supports a legitimate part of a sound long-range program? The committee, at this time, however, is in agreement on a revised and modernized parity program, probably to include the cost of farm labor and also agrees on the need for some continued method of price support.

The full committee will continue its search for an answer to the perennial farm question in October, when it will sponsor a series of hearings in twelve cities located in strategic agricultural centers from coast to coast.

Field Seeds

Akron, O.—A rubber-like coating that increases the germination percentage of seeds has been devised by the B. F. Goodrich Chemical Co.

Aiken, S. C.—Coward Seed Co. has been granted a charter to deal in seeds, feeds, grain. Authorized capital stock is \$50,000. H. C. Coward is president.—B.

Omaha, Neb.—Edward L. Kucera, 35, of Farwell, Neb., a DeKalb seed corn representative, died Aug. 11 in a hospital in Omaha of an abscess of the brain.

Toledo, O.—F. H. Woodruff & Sons of Milford, Conn., have appointed A. D. Taylor as manager of the firm's Toledo branch. Taylor comes from the company's branch at Clinton, Ill., and replaces Russell Barry.

Brookings, S. D.—Oats yielding 142.5 bus per acre were harvested at South Dakota State college on 27 acres of Clinton oats, grown under normal farming conditions on college land near here. The 27 acres yielded 3,838 bus.—P.

San Francisco, Cal.—A program of informal talks by outstanding guest speakers has been planned for the California Seed Ass'n seventh annual fall meeting on Sept. 27 at the Fairmont Hotel according to H. W. W. Alcott, pres.

Horton, Kan.—The blue grass stripping crew of Fulk & Yates of Horton completed their work in North Dakota during the week of Aug. 4. The crew, numbering at times as many as 50 men, also harvested in Kansas, Nebraska and South Dakota.—P.

New Orleans, La.—The Reuter Seed Co. has completed a switch track along its property line, and contractors have started the erection of a utility building to be located between the present plant and the track providing 8,000 square feet of storage space.

Johnson, Kan.—Pawnee was the highest yielding variety in the wheat test plots on the Ray Trostle field north of Johnson, showing a yield of 53 bus. to the acre and weight test of 60.1 pounds. Second highest was Comanche at 50 bus., testing 58.7; Red Chief, third with 49.6 bus. of 62.4-pound wheat.—P.

Tuscola, Ill.—Wilbur Strawn, credit manager of the De Kalb Agricultural Ass'n, De Kalb, Ill., and Harold Koltz, photographer for the same firm, were injured Aug. 22 when their small plane crashed here. Koltz suffered a skull fracture and Strawn had an injured foot and face cuts. The plane was destroyed by fire after the two men crawled from the wreckage.

Centralia, Kan.—The first carload of brome grass seed ever to be shipped out of this city was recently shipped by J. P. Glancy, Centralia seed and feed dealer, who purchased the brome from growers in this area. The car was sent to Lincoln where the seed dealer said it was the best brome seed he had received this season. The car of brome weighed only 31,800 pounds, but this was over 2,200 bus.—G.H.

SHENANDOAH, IA.—The Henry Field Seed Co. is remodeling its No. 1 building.

Kansas City, Mo.—Clifford M. Corneli was married on Aug. 11 to Miss Helen F. McGavran. Corneli is the son of Clifford Corneli, St. Louis seedsman. The ceremony was performed by Dr. Donald A. McGavran, father of the bride, who with his wife recently returned from India where he was Christian missionary in Takhatpur. Miss McGavran was born in India but for the past two years has lived with relatives in St. Louis. The couple will live in Champaign, Ill., while both complete their studies at the University of Illinois.

Manhattan, Kan.—Jane Lambert, state seed analyst, announced recently that the Kansas State Board of Agriculture has restricted the number of seed samples that may be submitted to the state seed laboratory at Kansas State College, Manhattan. The Board was forced to do this because of limited space. The new rules provide that five shall be the maximum number of tests made for any person, association or corporation during May, June, July, September, October and November. Two is the maximum for January, February, March, April, August and December. Only one sample a month may be sent in of redbud, bluegrass, lawn or pasture mixture.—G.H.

Manhattan, Kan.—Due to the fact that Kansas farmers are suffering considerable loss from stinking smut in wheat, Claude L. King, extension plant pathologist at Kansas State College, is urging farmers to treat seed wheat against the disease. Cost for treating material is only about two cents an acre, Mr. King said. Central Kansas from the southern to northern lines reports numerous losses from stinking smut or bunt this year. "Farmers who live in counties where bunt was present in the previous year's crop especially should treat their seed," Mr. King said. "An undetectable amount of bunt on wheat seed," he explained, "can cause a loss of as much as 50 per cent of the crop if weather conditions are favorable at germination time."—G.H.

Michigan Seedsmen Meet

Rexford J. Carl, Lansing, Mich., was elected president of the Michigan Seed Dealers Ass'n on Aug. 20 at the annual convention held at the Michigan State College campus. Other officers are Arthur Goulet of the Isbell Seed Co., Jackson, vice-pres., and Al Ambrosion of the Roscoe J. Carl & Son firm, Lansing, sec'y-treas.

C. E. Pederson of the college entomology department spoke to the seed dealers on DDT and its relation to field seed production through control of insects. The seed dealers toured weed control plots, corn breeding sites and saw new grasses being tested.

FLAX STRAW income to northwest farmers is expected to set a new record by passing the \$5,500,000 mark in 1947.

International Grain Show's 25th Anniversary

The 25th anniversary celebration of the International Grain and Hay Show will be held in connection with the International Live Stock Exposition at the Chicago Union Stocks Yards from Nov. 29 to Dec. 6.

Increased premiums are offered this year and a new system of distributing the prize money will be in effect which will more evenly divide the awards among the exhibitors. Special premiums are also being offered to their exhibitors by several states and provinces.

It is expected that new quarters will be available for the show. Educational exhibits will feature the newest varieties of field crops released by the experiment stations and the progress made by the crop improvement associations since the first Show was held in 1919.

New classes have been added for alsike and white clover seed. All contests except the certified hybrid shelled corn and junior corn classes have been opened to all exhibitors from the same region.

No entry fee is charged and samples will be returned if requested. Entries close Nov. 10.

Reduced Yield of White Clover Seed

Washington, D. C.—Production of white clover seed this year is indicated to be 4 per cent smaller than last year's record crop but twice the 1941-45 average, the Bureau of Agricultural Economics reported. An estimated 3,820,000 pounds of clean seed was produced this year compared with 3,980,000 pounds in 1946 and the 5-year average of 1,901,000 pounds. Smaller prospective crops than last year in Wisconsin, Tennessee, Idaho, and Oregon more than offset the larger crops in Louisiana and Mississippi.

Crop Improvement in Nebraska

Just ahead of the harvest, farmers, grain dealers, millers and other business men have been attending a long series of winter wheat field meetings conducted by the Nebraska Grain Improvement Ass'n and representatives of the Nebraska College of Agriculture. The meetings were held at wheat improvement test plots in 20 of the important wheat producing counties of the state. At these field meetings, farmers were able to observe 10 of the leading varieties of winter wheat which are now being tested for yield.

The study of farmers test plot samples indicates that nearly all of the wheat being grown in Nebraska is of recommended varieties that rate well in milling and baking characteristics. Less than 2 per cent of the samples represented undesirable varieties such as Chiefkan, Red Chief, Kawvale, and early Blackhull.

Infections of wheat scab and glume rot are more extensive than usual, and are more noticeable in the early varieties. These fungus and bacterial infections probably developed as a result of continued cold wet weather during the spring and early summer. Late frost may have been an initial contributing factor.

The United States will ship to foreign countries during October, 1947, more than 45,685,000 bus. of flour and flour in wheat equivalent.

Grain and Feed Trade News

Reports of new elevators, feed mills, improvements; changes in firms; fires, casualties, accidents and deaths are solicited.

ARKANSAS

Rector, Ark.—The Farmers Feed & Seed Co. has opened for business here.—P.

Hamburg, Ark.—Clarence and H. J. Scroggins of Monticello, Ark., are erecting a \$50,000 rice drying plant here. Capacity, 400,000 bus.—P.

Salem, Ark.—The Fulton County Farmers Co-operative will build a stone veneer store building, 30x60 ft. in size. Kenneth Green will be manager.—P.

Little Rock, Ark.—Arkansas' 1947 rice production will total 17,600,000 bus, the largest in the state's history. The income from the huge crop was expected to be \$30,-000,000.—P.

CALIFORNIA

Lancaster, Cal.—Ray Killon is new manager of the Fernando Feed & Milling Co.

Sacramento, Cal.—District meetings under auspices of the California Hay, Grain & Feed Dealers Ass'n have been arranged as follows: Sept. 10, Eatons Restaurant, Santa Barbara, dinner, 6:30 p.m.; Sept. 12, San Luis Obispo. Other meetings were held at Marysville Aug. 27 and Corning, Aug. 29.—I. J. Stromnes, Sec'y.

Sacramento, Cal.—The Sacramento-Yolo Port District Commission is considering construction of a 500,000-bu. storage elevator for sacked and bulk grain to serve the entire northern California area. Cost would be about \$500,000. Funds will be sought when the public votes at a terminal facilities bond issue election this fall.

Corcoran, Cal.—The grain and feed dealers group from Madera, Fresno, Kern, Tulare and Kings Counties attended a meeting at "Ham's" on the outskirts of the city the evening of Aug. 18. Members of the group are members of the California Hay, Grain & Feed Dealers' Ass'n. Following dinner an excellent program was presented that included showing of a dairy film as a special feature. The group holds meetings once each month in different sections of the counties included in the group representation. Visiting dealers and representatives are always welcome.

Sacramento, Cal.—Grain and feed dealers from Solano, Yolo, and Sacramento Counties held a district dinner meeting here Aug. 22, when Clarence N. Lucas, California Mealalfa Co., Dixon, was elected permanent district chairman and Jim Simonsen was elected sec'y for the group. Allen Maakestad, Farmers' Seed Store, North Sacramento, was elected sergeant at arms, to handle raising of special finances. The next meeting will be held Sept. 19, with Tully Harmeson, Tully's Farm Supply, Sacramento, in charge of arrangements and program. The district meeting was sponsored by California Hay, Grain & Feed Dealer's Ass'n.

Sacramento, Cal.—A committee was appointed by J. E. Baker, president of the California Hay, Grain & Feed Dealers Ass'n to confer with the Railroad Commission to get enforcement of the Itinerant Merchants' Act in marketing of hay and grain. Those appointed to serve were A. H. Ascherman, E. L. Kyte, Don Mitchell and Ralph Boone.

Fresno, Cal.—The San Joaquin Valley Poultry Producers Ass'n, with headquarters at Porterville, will build a six-story feed mill plant on a 13-acre site north of the Calwa overpass and immediately west of the Golden State Highway. It will be of reinforced concrete, with a 6,000-ton capacity bulk grain elevator, a large warehouse and the mill plant. C. A. Hefferman, sec'y-manager of the company, in announcing the proposed construction, said the mechanical layout has been drawn up with the idea of eliminating hand labor to a large extent. Work on the project is expected to start within 30 days and the plant is expected to be in operation by May 1, 1948. Harry L. Danks is the manager of the present Fresno branch plant.

CANADA

Toronto, Ont.—The West Toronto plant of the Maple Leaf Milling Co., Ltd., will be modernized and a warehouse and new research building will be constructed. Cost of the work is estimated at approximately \$750,000.

St. Thomas, Ont.—Vioben Co. of Canada has purchased a three-acre industrial site here and will erect an office and warehouse. Vioben Co., controlled by the Ogilvie Flour Mills, is an affiliate of the Vioben Co. of the United States.

Kamloops, B. C.—H. Barnett, Kelowna, has been elected president of the Interior Feed Dealers' Ass'n and W. Shugg, also of Kelowna, treasurer. A. D. Hilliker, chairman of the B. C. Feed Dealers' Ass'n, is an executive representative.

Taber, Alta.—Serious consideration has been given to the possibility of incorporating an alfalfa dehydration unit in the \$4,-500,000 sugar beet processing plant being constructed here by Canadian Sugar Factories, Ltd., which already operates two beet plants in Alberta. Frank Taylor, assistant general manager, stated, however, such a development was deemed inadvisable for the present, but may be added later.

Winnipeg, Man.—Officers and staff of the Federal Grain Ltd., held a golf tournament and dinner at the Elmhurst Golf Club recently in honor of V. W. Tryon, a vice-president of Federal Grain who retired July 31. Presentations were made to Mr. Tryon on behalf of the company by H. E. Sellers, president; on behalf of the staff, by Miss Grace Boyd; while S. J. Rooney made a presentation on behalf of the country superintendents.

Tilbury, Ont.—The \$50,000 elevator nearing completion here for the St. Clair Grain & Feeds, Ltd., will be used to handle the unusually large crop of soybeans expected this fall. H. E. Webster, president of the company, stated that his new structure will have the most modern machinery. Mr. Webster bought controlling interest in the firm in April. The firm's headquarters are in Chatham with branch offices in Ridgetown, Wallaceburg and Tilbury.

Winnipeg, Man.—Following a meeting of directors of the Federal Grain Limited held on Aug. 6, the following appointments were announced by H. E. Sellers, president of the company: H. C. MacGregor, vice-president and general manager; Geo. H. Sellers, ass't to the president; S. D. MacEacheran, manager of the company's elevators in Saskatchewan and Manitoba; J. J. S. Rooney, ass't manager; W. Pope, manager of Terminal Elevators at Fort William and Port Arthur.

Port Arthur, Ont.—Work on installation of safety devices on lakehead grain elevators now is well advanced. Regulations calling for inside and outside fire escapes and dust control machinery were drawn up by the Ontario government in consultation with grain company officials, following an explosion in an elevator here in August, 1945. Labor Minister Chas. Daily announced elevator companies were co-operating to the fullest in carrying out regulations, which in some instances meant the expenditure of large sums of money.

Ottawa, Ont.—The Canadian Wheat Board announced that effective immediately and until further notice sales of board wheat from country elevators for seed, feed or to mills will be made on the basis of \$1.58½ a bushel for No. 1 Northern, less freight to Fort William, Port Arthur or Vancouver, whichever will be the lowest. To this sale price will be added the regular diversion premium of 1½c a bushel on No. 1, 2 and 3 Northern; and 2½c a bushel on No. 4 Northern and all other grades including Durums, Garnets or Alberta Red Winters, with an additional half cent a bushel on all grades of tough wheat.—S.C.

Medicine Hat, Alta.—A \$200,000 expansion program that will double the production capacity of the Alberta Linseed Oil Co., Ltd's., local plant has been undertaken and when completed will provide a market for between 700,000 and 800,000 bus. of flaxseed annually. Until now the plant has been able to handle about 350,000 bus. of flaxseed a year. A new wing is to be added as well as equipment to double production capacity, the new addition to house the refining process and new lines of industrial oils that are to be produced. Plans also call for embarking on entirely new production lines in the future which include the extraction of oils from soybeans, peanuts and copra.

Lethbridge, Alta.—Officials of Geo. W. Green & Co., pioneers in the alfalfa meal business in western Canada, and who established an alfalfa mill here in 1928, are advancing plans to re-establish the large plant that burned July 26. The two-story plant building with its machinery and about 100 tons of alfalfa destroyed by the fire represented a loss of approximately \$25,000, L. B. Knowlton, company manager, stated. Until rebuilding is accomplished, the company's auxiliary mill at Brooks is filling orders for alfalfa meal. The plant that was destroyed was put in operation in 1940 to replace the company's original plant, and was one of the largest in the prairie provinces, milling about 2,000 tons of alfalfa annually.

Vancouver, B. C.—New council and committees were named at the annual meeting of the Vancouver Grain Exchange recently. The new council includes John Gage, retiring president, and Philip Wolfe of Jas. Richardson & Sons, vice-president during the 1947 season, H. W. Berridge of Canada Grain Export Co., Roy Davis of Buckersfields, Ltd., Vernon Lester of Hallet & Carey, John Whittle of Midland Pacific Terminals and A. H. Thomsett, grain broker. The new council named John E. Gage, local manager of Pacific Elevators, president for a second term and other officers of the exchange also were returned by acclamation. They include Philip Wolfe, Jas. Richardson & Son, Ltd., vice pres.; Robert McKee, head of Canada Grain Export Co., honorary treasurer, and H. W. Cameron as sec'y-treasurer.

COLORADO

Arriba, Colo.—The Snell Grain Co.'s new 126,040-bu. elevator, recently completed, is receiving grain.

Burlington, Colo.—The new Kirschmer elevator, of 465,000 bus. capacity, has been completed in time to handle this year's crop. The elevator has facilities for loading freight cars at the rate of 17 minutes per car.

ILLINOIS

Coatsburg Ill.—A feed and supply building is being erected by Paul A. Kurz.—P.

Mason City, Ill.—Allison & Co. are planning construction of a cob burner at their local plant.

Catlin, Ill.—The Catlin Grain Company is erecting an office building east of the elevator.—P.

Martinsville, Ill.—The Wells Grain & Coal Co. has been sold to Leo and Demain Macey of Marshall, Ill.

Newman, Ill.—E. L. Wiese, 88, former owner of the Newman elevator and retired banker, died Aug. 21.—P.

Gillespie, Ill.—Robbers broke into the Gillespie Farmers Elevator recently and stole the cash register.—P.

Murrayville, Ill.—Guy W. Smith, of Kade & Smith, and Miss Ruth Clayton were married Aug. 25, at Paducah, Ky.

Lexington, Ill.—A 30,000-bu. storage bin for soybeans is being built here by N. R. Peine, owner of the Peine Elevator.—P.

Marissa, Ill.—The Marissa Farmers Co-operative Elevator Co. has been sold to the H. C. Cole Milling Co. of Chester.—P.

Mascoutah, Ill.—Henry Hoerd, 80, a retired employee of the Postal Milling Co., died Aug. 15 following a long illness.—P.

Rockford, Ill.—Andrew L. Giffen, 85, at one time associated with the Des Moines Flour & Feed Co., died Aug. 22 at Santa Monica, Cal.—P.

Gibson City, Ill.—The first three homes in a Central Soya Co. housing project for company employees will be ready for occupancy about Oct. 1.—P.

St. Joseph, Ill.—The Champaign County Grain Co. is building an office and installing a new scale. An elevator will be constructed near the site, Russell Maddock, manager, stated.—P.

Palmyra, Ill.—Oscar Highly, employed on the Palmyra elevator construction job, received abdominal injuries recently when he fell on a concrete reinforcing rod at the top of one of the bins being built.—P.

White Heath, Ill.—H. M. York, Paul E. Kelsy and Leo Bright, all of Champaign, and George Raines, White Heath, have purchased the White Heath Grain & Supply Co. from Cecil L. Ozier of Champaign.—P.

Minonk, Ill.—The T. M. Livingston elevator, formerly the Jeffers & McCully Grain Co., burned Aug. 29, the loss estimated at \$15,000. Less than 400 bus. of grain was in the elevator. Lightning is believed to have started the fire.—P.

Watseka, Ill.—Cornell Tiggs, 30, Chicago negro, was arrested recently as he fled from the Farmers Elevator, and was charged with attempted burglary. Bond of \$2,000 was set, the case continued until Sept. 3, and the man returned to the county jail.

Decatur, Ill.—Dr. Wm. A. Kutsch, 64, vice-president in charge of production at the Staley Manufacturing Co.'s plant, and a leader in the corn products industry for 40 years, died Aug. 19. Except for two years spent in California he had been with the company since 1922.—P.

Decatur, Ill.—William Glenn Smith, 22, employed by the A. E. Staley Manufacturing Co., died Sept. 2 of injuries received in a fall at the plant. He is believed to have touched a high voltage electric trolley while working on a car suspended from a rail on the ceiling and was knocked 14 ft. to the floor.—P.

Chrisman, Ill.—Walter Daily, owner of the Chrisman Milling Co., was granted a permit by the city council to construct a building on the northeast corner of the square. Mr. Daily had petitioned the council, to be allowed to complete construction on his building, started last April and later halted after a protest against construction of a wood frame building had been filed.

Weston, Ill.—The Weston Grain Co., Co-operative, has completed construction of an office and hardware building, 40 x 60 ft., replacing the office that burned last Mar. 16. A Fairbanks truck scale with 45 ft. deck is being installed. Construction will start at once on a 60 x 110 ft. feed, cement and phosphate shed. The elevator that burned will not be rebuilt this year, the company having one elevator to handle the business meantime. W. H. Luhning, manager, who broke his arm on June 27, has returned to work. Joe Eymann, a retired grain man, had charge of the office the eight weeks of his absence.

Gibson City, Ill.—The McMillen Feed Mill's truck unloading docks will be ready for the soybean harvest. The new docks have a maximum receiving and unloading speed of 20 of the largest truck carriers per hour. They are a part of the \$3,500,000 expansion program now in progress that will enable the local mill to process slightly more than 8,000,000 bus. of soybeans each year for use in the manufacture of its master six concentrates of straight feeds that are prepared for farm animals and poultry. Present capacity is 3,500,000 bus. Work under construction will not be completed until some time next year.

Champaign, Ill.—The Dealers Grain Co. has been organized, incorporated by James Brooks, James H. Kincaid and Glen B. Hill, capitalized at \$100,000. Virgil Wiese is acting president and J. C. Fielding, vice-president, both of Champaign, and G. F. Klein of Chicago is sec'y-treasurer. Primarily the new company was organized to buy and sell grain and farm products for which they have a good market by rail and by truck, serving elevators in the southern part of the state who have encountered increasing difficulties in obtaining transportation facilities for their grain. Many grain men of this community are interested in the company, which is planning a meeting soon to complete organization personnel and plan for expansion of its activities.

CHICAGO NOTES

Jos. R. Kudlata, member of the Board of Trade since 1930, died Sept. 5 at his home in Cicero, Ill.

A. Frank Leathers, who has been manager of the soybean mill of Swift & Co. at Des Moines, Ia., since 1939, has been transferred to Chicago, assigned to work in the president's office.

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The Kemper Bros. Feed Co., 1563 N. Halsted St., was held up by five men recently, who held a gun over Alfred J. Kemper, 70, owner of the store, and Ray Hebel, 40, an employee, while one of his companions robbed the place. The robbers escaped with \$500.

Ralph G. Golseth has been advanced from assistant vice-president of the Glidden Co. to a vice-president. In the new position he will assume full responsibility for the Soya Products division and the Feed Mill Division at Indianapolis, Ind., and will maintain offices at the company's soya processing plant here.

Members of the Board of Trade approved a plan to acquire the Board of Trade Bldg. and land on which it stands from the Chicago Board of Trade Safe Deposit Co., and to begin a program of retirement of the real estate mortgage 5 per cent bonds which encumber the building as a second mortgage lien.

The following new members have been enrolled in the Board of Trade: Aloysius McKerr, with Jas. F. McKerr & Co.; Jordan A. Hollander, Hollander & Feuerhaken; Geo. W. McKerr, with George J. McKerr; Gilmore N. Murphy, all of Chicago, and Dick F. Bennett, vice-pres. and sec'y., Myers Grain Co., Kansas City, Mo.

The Chicago Board of Trade recently voted a proposal authorizing the making of quarterly assessments against membership to meet any actual deficit of the preceding quarter or any anticipated deficit of the ensuing quarter. A proposal also voted made a change in the fees involving a transfer of a membership from one individual to another.

At a special meeting of the directors of the Board of Trade Sept. 4 an increase of 5c per bushel in the initial minimum margin requirements on wheat and oat grain futures transactions, other than spreading or hedging ones, was ordered placed into effect as of Sept. 6. This will make the new margin requirement on wheat 35c and on oats 30c per bushel. They also raised the minimum requirement on corn futures transactions from 25c to 35c per bushel.

Julius Mayer, who has been in charge of the Continental Grain Co.'s operations in St. Louis, Mo., for the past 20 years, has been named executive vice-president of the company and will move to Chicago the early part of November. He gradually will take over the duties of his brother, Simon Mayer, who has been executive vice-president in charge of Continental's Chicago offices for over 25 years. The transfer was requested by Simon Mayer, who wished to be relieved of some of his responsibilities in order that he may be away from Chicago more frequently. He continues with the company in an advisory capacity.

INDIANA

Washington, Ind.—Graham Bros., Inc., is planning to build an addition to its present mill and elevator.

Gessie, Ind.—The Fountain County Farm Co-operative Ass'n, Inc., is successor to the Gessie Grain Co. J. C. Hughes is manager.

Indianapolis, Ind.—Frank J. Brennan, representative of the Corn Products Refining Co. at Cincinnati, has been appointed to head the company's local offices.—P.

Greenwood, Ind.—Hoosier Mineral Feed Co. will rebuild its plant that burned Aug. 7.

Mt. Vernon, Ind.—The Sunlight Mill was damaged by fire the night of Aug. 25. Lightning is believed to have started the blaze. The J. R. Short Milling Co., Chicago, is new owner of the local plant.

Boylestown, Ind.—Miss Cora Van Steenberg, whose elevator burned June 21, is building an office and feed house and later, when feed grinding equipment is available, a milling room 20x64 ft. will be erected. She plans to contract for a grain storage elevator at a later date.

Terre Haute, Ind.—Vigo County Co-operative Ass'n will build a 50,000-bu. concrete elevator on the 16-acre plot at Thirteenth and Voorhees Sts., which the Co-op. recently purchased from the Milwaukee Railroad Co. It is hoped to have the elevator ready for storing soybeans this fall.

Muncie, Ind.—The Indiana Flour & Feed Co. recently held open house at its warehouse, attended by over 3,500 persons. The warehouse had been converted into a miniature fair, with attractive displays, programs, guessing contests, and exhibits thru which tours were conducted at regular intervals. Paul E. Wolfe, sales and advertising manager, said it was planned to make the affair an annual one.

IOWA

Paton, Ia.—A smouldering fire in a coal bin at the E. A. Milligan & Son's elevator did a small amount of damage.

Manson, Ia.—The Farmers Co-operative Co. is installing a new 50-ton Fairbanks dial-printomatic scale, with 60 ft. dack.

Cumberland, Ia.—Philip Kirchner, 90, at one time in the grain business here and at Griswold for many years, died in Griswold Aug. 22.

Rock Valley, Ia.—The Farmers Elevator is installing a new 50-ton automatic Fairbanks scale with print-o-matic dial and 45 ft. deck.

New London, Ia.—The A. D. Hayes Co. is rebuilding its elevator that burned, contract having been let to the Younglove Const. Co.

Gowrie, Ia.—Lyle Dolder, associated with the E. J. Bruntlett elevator, and Miss Corrine Elizabeth Merkel of Klemme, were married Aug. 10.

Sigourney, Ia.—The former Bruns Seed & Grain Co. is operating as the Frescoln Elvtr. Co. since its purchase by that firm a little over a year ago.

Adair, Ia.—A basement floor is being put in for milling equipment at the Adair Feed Mill.

What Cheer, Ia.—Homer Porter is building an office and will install a new scale at his feed store.

Blanden (Manson p. o.), Ia.—The Farmers Co-op. Society will install a 50-ton Fairbanks dial-printomatic scale.

Aurelia, Ia.—Robbers recently broke into the Whitney Elevator, escaping with \$2 in cash; a Burroughs adding machine, .22 rifle, .410 shotgun, radio and portable typewriter.

Storm Lake, Ia.—C. W. Woodward, manager and one of the owners of the new concrete elevator built by A. J. Fraser, is busy grading the grounds about the structure for landscaping.

Des Moines, Ia.—E. C. McGee has been appointed manager of Swift & Co.'s soybean mill, succeeding A. Frank Leathers who has been manager since 1939, and has been transferred to Chicago.

Fort Dodge, Ia.—Dr. MacDonald's Vitamized Feed Co. has been incorporated, with a capitalization of \$150,000. The officers are: J. R. MacDonald, pres.; Lyle Pugh, vice-pres. and treasurer.; Alan Leth, sec'y.

Olds, Ia.—J. Lester Nicholaus, 49, manager of the Farmers Elvtr. Co. for the past five years, died Aug. 20, at the Henry County hospital where he had been taken a few days before after six weeks in an Iowa City hospital.

Sioux City, Ia.—Roy Moon, 46, a truck driver, was injured Aug. 29 when a tier of 100-lb. sacks of flour collapsed on him at the Russell-Miller Milling Co.'s warehouse. He was taken to St. Vincent's hospital in an unconscious condition.

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Manly, Ia.—The Farmers Elevator has moved into its new office. The building is 24x26 ft., with basement, and is connected to the elevator by a 20x25 ft. warehouse. A new Fairbanks Scale has been installed, equipped with printograf.

Harlan, Ia.—Harlan Rendering Co.'s new feed manufacturing plant held a grand opening on Aug. 22 when visitors saw the plant in operation and were served refreshments. Production of the mill will average six car loads daily, Burdette Lundberg, ass't manager stated.

Ames, Ia.—The annual nutrition school sponsored by Iowa State college in co-operation with the Feed Institute of Iowa and the Western Grain & Feed Ass'n., will be held Sept. 25. The school will feature discussions relating to latest research in nutritional requirements of hogs and other livestock and poultry.

Des Moines, Ia.—Ray Johnston, Administrator of the Iowa Bonded Warehouse Law, has announced that the warehouse laws, rules and regulations have been revised and reprinted and are ready for distribution. A copy can be had by addressing Warehouse Division, Commerce Commission, State House, Des Moines, Ia.

Chelsea, Ia.—S. A. Brush is retiring from the grain business and has leased his elevator to E. J. Holland of Belle Plaine, Ia., effective Aug. 15. Mr. Brush will continue to help at the elevator until the middle of October when he will leave with his family for McAllen, Tex., where he has purchased a home and two fruit groves.

Decorah, Ia.—Diesel power is being installed in the Bernatz Mill, marking the end of 98 years of water power at the old mill, built in 1849. June 5, 1947, the city purchased the mill race rights from Wm.

Bernatz for \$15,000, as part of the Dry Run Flood Control project. The new diesel engine being installed is 150 h.p.

Eagle Grove, Ia.—The Boone Valley Co-op. Ass'n's soybean plant was destroyed by fire the night of Aug. 23, starting in the top of the structure and spreading rapidly thruout the building. About \$75,000 worth of beans and oils were included in the loss; building and equipment were valued at about \$150,000. Insurance covered the loss.—A. T.

Council Bluffs, Ia.—The Dwarfies Corp.'s plant was damaged badly by fire the night of Aug. 22, the loss estimated at \$100,000. Forty of the plant's 117 employees were at work when the fire broke out, and escaped uninjured. The blaze is believed to have started in a wax storage shed adjoining the two-story and basement brick structure. The plant will be rebuilt.—A. T.

Havelock, Ia.—The Farmers Co-operative Co. of Pocahontas let a contract to the Younglove Const. Co. for construction of a 40,000-bu. capacity, cribbed type, 90 ft. high elevator and 30x60 ft. feed warehouse and office. A new 50-ton scale with 45 ft. deck will be installed at the new office. Construction work will begin about Sept. 15 and is expected to be completed by Dec. 1.

KANSAS

Savonburg, Kan.—The Lam-Perkins Grain Co. recently installed a new seed cleaner.

Haddam, Kan.—The Haddam Grain & Feed Co. will build an elevator, construction planned to start this fall.

Jamestown, Kan.—The Hart Grain Co. recently let a contract for construction of a steel and concrete 80,000-bu. elevator. A. R. Peterson is local manager.—G. H.

Hutchinson, Kan.—Raymond C. Davidson, Jr., who is associated with his father in the Davidson Grain Co. here, was married recently to Miss Heleyn Stump of Nappanee, Ind.—G. H.

Hutchinson, Kan.—Carload wheat receipts here during August totaled 8,896 cars, the biggest August in history. It compares with 8,454 cars received in August, 1931, the previous peak month.—G. H.

Abilene, Kan.—The Solomon Dehydrating Co., Inc., has been incorporated, to conduct a general milling and dehydrating business, authorized capital, \$80,000. Paul H. Royer is resident agent.—G. H.

Great Bend, Kan.—The Great Bend Milling Co. is installing a 725 h. p. electric motor which will be ready for operation within two months. The installation will increase the mill's capacity from 1,800 to 2,500 bbls. of flour daily.—G. H.

Stafford, Kan.—Frank Gere has succeeded Ira Ranking as manager of the local elevator of Consolidated Flour Mills Co., taking over his new duties Aug. 15. Mr. Ranking is retiring from active business. He has been manager of the local elevator for the past five years and prior to that, for 36 years manager of other elevators, 25 of the co-operative elevator at Kinsley. Mr. Gere has been his assistant here for the past two years.

Sublette, Kan.—Jack Leigh, 28, of Sallisaw, Okla., fell 80 ft. and Joe Lamont, 22, of Turon, Kan., tumbled 20 ft. to the ground from an elevator under construction here recently, and escaped serious injury. Leigh fell from high on the elevator and knocked Lamont off a platform nearer the ground. They were taken to a Garden City hospital where doctors reported a broken jaw, possible back injuries, and a sprained shoulder, between them.—G. H.

Hutchinson, Kan.—The following new members have been enrolled in the Kansas Grain, Feed & Seed Dealers Ass'n: C. H. West, Rydal Elvtr. Co., Rydal; H. S. King, Colby Mill & Elvtr. Co., Colby; C. E. Waknitz, Co-operative Grain & Supply Co., Bazine; M. F. Glad, Weskan; Owen Dragt, W. E. Cooper Co., Colby; Aug Wahl, Kanorado Co-op. Ass'n, Kanorado; J. L. Kemp, Kemp Elvtr. Co., Bird City; Elmer Ochs, Ochs Elevator, Arnold, Kan.—O. E. Case, sec'y.

Hutchinson, Kan.—Made to order weather in Kansas with good rains in goodly portions of the wheat belt; rains which in many sections will put moisture down to the sub-soil moisture in the fields gives great hopes of another wheat crop. Drills running in the northwest part of the state, drilling some of the nicest looking seed beds ever known. Plows on every hand turning soil preparing seed beds or for fallow. The wheat belt of Kansas is indeed a beautiful busy place.—O. E. Case, sec'y Kansas Grain, Feed & Seed Dealers Ass'n.

Scott City, Kan.—Three Nevada, Mo., men were arrested here recently and were in court for stealing wheat. Sheriff's officers and highway men found the trio four miles south of Scott City with three truck loads of contraband wheat. Named in the charges are William C. Trainor, 32, Beva Norwood, 20, and Jason Darrah, 39. Trainor was released on \$2,000 bond and the others on bonds of \$1,000 each. All three waived preliminary hearing. The three wheat rustlers, who obtained jobs hauling wheat for Greeley County farmers, worked their racket thus: They hauled the wheat to Scott City elevators but before they reached Scott City they cached the "top of the load," usually about 150 bus., and dumped the rest at the elevator in the usual way. According to signed statements, the men later went back and picked up the wheat.—G. H.

THE FACT STILL REMAINS
that
SUPERIOR ELEVATOR CUPS
are
MADE STRONGER
will
LAST LONGER
have
GREATER CAPACITY

and will operate more efficiently
at less cost than other elevator
cups.

"DP"—"OK"—"CC"—"V"

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MOLINE, ILLINOIS

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HOWELL
SPOUT HOLDER

Guaranteed the **BEST**
—Complete

No. 2 for 7-8 & 9"
Spouts.
\$20.00

Immediate delivery

J. C. KINTZ, Cedar Rapids, Iowa

DOAK
SPOUT HOLDER

It loads your car evenly
with very little effort and
expense.

T. S. McSHANE CO.
OMAHA

MICHIGAN'S LEADING

Elevator Equipment and Supply House
Everything in Elevator and Feed
Grinding Equipment
Michigan Agents for
Steinlite Moisture Testers—Saginaw Feed Mixer

Flack-Pennell Co. Saginaw, Mich.
Phone 25181



Pratt, Kan.—Wylie Green and J. R. Pitcock of Dallas, Tex., were arrested here Aug. 19, and charged with taking 469 bus. of wheat after breaking into a granary in Gray County. The men were held for further investigation and were turned over to Gray County authorities Aug. 26. The Pratt Equity Exchange filed charges against Pitcock for receiving money for wheat that had been stolen. The Equity's petition asks for the return of \$977.95 paid Pitcock for the alleged stolen grain. Another charge against Pitcock is that he wrote an alleged bogus check for \$2,703 for a truck he purchased from the Withers Auto stand.—G. H.

KENTUCKY

Henderson, Ky.—The Ohio Valley Soy Bean Co-operative is building a laboratory, expanding its office space and constructing a warehouse and assembly hall at its local plant, formerly the site of the Boyle Grain Co.

Louisville, Ky.—Ballard & Ballard will build a formula feed mill and bulk flour storage and packaging plant on property it recently purchased from the Louisville Railway Co. The formula feed mill will have a capacity of 60 tons an hour, tripling the company's present feed plant capacity.

New Albany, Ky.—Aubrey & Co., Louisville, dealers in grain and feeds, purchased the McDonald & Son's elevator, and three members of the Louisville firm, Glenn, T. E. and Edward C. Aubrey, incorporated the business; capital stock was listed as \$50,000. John R. Shine, New Albany, is resident manager.

LOUISIANA

Shreveport, La.—The Klambach-Burkett Feed Co.'s plant was damaged badly by fire Aug. 8, the loss estimated at \$60,000.

Crowley, La.—Striking mill workers, evicted from property of the Southern Pacific railroad Sept. 4, where they have been staging a sitdown, threatened active picketing of three strike bound mills adjoining the railroad property unless they are allowed to return to the latter property. Leo B. Carter, international teamsters' union representative, said the walkouts were called to obtain recognition of his union as bargaining agent for the employees. A similar situation is developing at Liberty rice mill at Kaplan, La., where workers walked out, and the strike spread to Rayne, La., also where white and Negro employees walked out of one of the Louisiana State rice mills. Mill officials there said the mill still is operating, and the packaging plant is operating on full schedule.—P.

MARYLAND

Chestertown, Md.—The purchase of the James G. Metcalfe Co.'s grain properties here the week of Aug. 11 and the additional purchase of the stock and trucks by the Kent County Farm Bureau Co-operative at an estimated cost of \$100,000, marks the establishment of one of the largest feed and grain business concerns in this section of the state, owned entirely by the farmers of Kent County.—P.

MICHIGAN

Marlette, Mich.—A new grain truck dump has been installed at the Marlette Elevator.

West Branch, Mich.—The Farmers Co-operative, Inc., is installing a new seed cleaner.

Fenwick, Mich.—Bert Henderson has sold the local elevator to his son-in-law, Ivan Wahn, who also owns the Pewamo Elevator.

Elkton, Mich.—Sixty-five tons of coal belonging to the Elkton Co-operative Farm Produce Co. burned Aug. 16, the fire started by spontaneous combustion.

Battle Creek, Mich.—Larry Augenstein has joined A. K. Zinn & Co. as sales and advertising manager. He formerly was sales manager and assistant general manager of the Northwestern Distributing Co., Colby, Wis., and prior to that was with General Mills, Inc., and other feed manufacturing companies.

MINNESOTA

Alpha, Minn.—Mrs. Anna Evers has leased the elevators of the Alpha Grain Co., effective Sept. 1, to Arnold Rakness.

Sauk Centre, Minn.—E. R. Enright has resigned as manager of the Farmers Co-operative Elevator Co., effective Oct. 1.

Jackson, Minn.—Charles Evers, 38, engaged in the grain business here and at Alpha, died unexpectedly Aug. 15 at his home.

Wyoming, Minn.—Lightning striking the plant of Howard Reed on Aug. 17 started a fire that caused heavy damage to the warehouse and stock.

Millerville (Brandon p. o.), Minn.—F. G. Dohmeyer has sold his mill to Geo. DeLeew of Cologne, Minn., and is retiring from active business.



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Fewer bushels of corn are required to make a ton of 'golden cut.' 'Eureka' stay-sharp-longer knives cut faster, make more coarse-grade stock, save power, reduce ratio of by-product and lower re-sharpening expense. America's bestbuilt Cutters. Five sizes, a capacity to suit your needs.

Ask for Catalog J-167

S. HOWES CO., Inc., Silver Creek, N. Y.

FROM LOADING SPOUT
GRAIN SHIPPAGE PROTECTION
TO DESTINATION...

Law provides that accurately weighed grain must be delivered at destination pound for pound as per your Bill of Lading receipt or compensation made by the carrier for shortages. Thus weighing of outgoing grain by an approved shipping scale is your best protection against transit losses.

To guard against all losses—either in transit or in loading from elevator to car—the surest precaution is a Richardson Shipping Scale installed in your elevator cupola. After accurate, automatic weighing on this equal arm balance scale, the grain drops directly from cupola to car . . . with no loss through intermediate handling or diversion between scale and car.

A Richardson Shipping Scale needs no foundation—equal balancing assures accurate weighing at any level. Automatic counter and type-register prints weight delivered to car or truck on duplicate scale tickets—eliminates mistakes in reading or recording. For practical, money-saving grain handling in country elevators Richardson Automatic Shipping Scales are an essential part of the plant equipment.

Bulletin 6145, Section 1 shows typical installations and gives detailed description. Write for your copy.

3611

RICHARDSON SCALE COMPANY

CLIFTON, N. J.

Atlanta Boston Buffalo Chicago Minneapolis Montreal New York
Omaha Philadelphia San Francisco Toronto Wichita

Bertha, Minn.—Ted Hukreide of Bertha and Harold Dull of Hewitt purchased the feed and seed business of George Domian, taking over its operation Sept. 1.

Morgan, Minn.—The Potter Grain & Fuel Co. has been purchased by Thomas Master-son and William A. Kuel of Walnut Grove and Edward Kleven of Westbrook.—P.

Worthington, Minn.—Cargill, Inc., is moving two elevators recently purchased from their sites in Reading to the local Cargill property at the north edge of town.

MINNEAPOLIS NOTES

The Northwest Feed Manufacturers Ass'n met Sept. 8 at the Radisson Hotel. Cock-tails were enjoyed in the Italian Room at 5:45 p. m. followed by dinner in the Gold Room at 7:00 p. m. Officers were elected for the 1947-48 season and other important matters were discussed and acted upon.

E. J. Quinn, formerly vice-president of Commander-Larabee Milling Co., has been elected executive vice-president of the company. Ellis D. English was named vice-president in charge of the company's operation in the southwest; R. R. Winter, vice-president and S. S. Adair, vice-president and controller.

Walter F. Gage, former manager in Buffalo for Cargill, Inc., has been named assistant vice-president in Cargill's sales division with headquarters in Minneapolis. He has been with the company in the grain merchandising field for 11 years and was transferred to Buffalo from 1942 to 1946, then he was transferred to the company's local office. While in Buffalo he was a director of the Corn Exchange and a

member of the Lower Lakes Grain Com'te.—G.T.

M. B. Gold, treasurer of the Benson-Quinn Grain Co., filed a \$15,600 damage suit in federal court at Sioux Falls, S. D., against Edwin Beiber of Aberdeen, a representative of the Farmers Union Central Exchange, and Ernest F. Schumacher and Adam Schlep of near Bowdle, described in the suit as stockholders in the Farmers Union Exchange, charging they attacked him at Bowdle, S. D. on July 12. Gold alleges he was struck, bitten and choked. He asks \$10,000 actual damages and \$5,000 exemplary damages.—P.

L. M. Leffingwell has retired from active service with the Archer-Daniels-Midland Co. He has been for many years a vice-president of the company as well as a director and a member of the executive com'te. He started his business career in 1889, working for William S. Archer, grandfather of the S. M. Archer, at the St. Paul Linseed Oil Co. In 1900 he joined the Northern Linseed Co. as president, continuing in that capacity until 1921, when the company was purchased by the Archer-Daniels Co. The latter company was purchased by the Archer-Daniels-Midland Co. in 1923, and Mr. Leffingwell remained an executive of the company for 24 years.

Chas E. Hunting, veteran midwest and Canadian grain man, has been appointed assistant to the president of F. H. Peavey & Co. He will come to Minneapolis from Winnipeg Oct. 1 to assume his new duties. Mr. Hunting began his career in the grain business with the Hunting Elvtr. Co. as a country grain business at Canton, S. D. In

1927 he entered the grain business by himself as a member of the Winnipeg Grain Exchange. He served several years as a director of the Midland & Pacific Grain Corp., Calgary, Alta. He joined the Canadian Wheat Board in 1943 as western sales manager, was appointed a commissioner of the board in December, 1944, and in 1945 became assistant chief commissioner of that board. He resigned Feb. 1, 1947, and was appointed by the Canadian government as technical adviser to the Canadian delegation at the International Wheat Conference in London last March and April.

A half-day session of the cash grain division of the Minneapolis Grain Exchange on Sept. 1 Labor Day was ordered by the directors of the exchange as a means of expediting handling of boxcars. The trading hours were set at 9 a.m. to noon. No futures trading was scheduled. The holiday session order was a follow-up on Aug. 23 action to extend the Saturday trading sessions from the former Saturday closing hour of 11 a.m. to noon. This action also was taken to expedite handling of boxcars during the rush marketing season and will afford inspectors an extra hour to get grades and samples delivered to the trading floor. The first extended Saturday's session resulted in the handling of approximately 200 additional cars. The Western Weighing and Inspection Bureau will distribute manifests and provide sampling and inspection for Sundays during the rush movement and the special Labor Day session. In addition the Saturday deadline for acceptance of disposition orders on hold point cars is extended from 12:30 to 1:30 p.m. commencing Aug. 30.

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Now you can install a new Gridley Extra Heavy-Duty Hoist in your grain elevator or feed mill driveway and be set for a lifetime of service.

The new Gridley Hoist handles any load up to 15 tons more economically . . . more quickly! Sturdy, all-steel construction assures dependability and lasting satisfaction. Finger-tip electric control . . . safety forwarding and reversing switch . . . heavy-duty motor and gear reducer. Wooden platform inside heavy steel cradle prevents sliding and provides smooth surface for truck or wagon.

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Sure! I'm interested in increased business and greater profit. Send me free illustrated folder and complete details on the new Heavy-Duty Gridley Hoist.

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GRIDLEY FARM TOOL CO.
GRIDLEY, ILLINOIS

Leslie N. Perrin, executive vice-president and director of General Mills, Inc., has been elected a director of the First National Bank of Minneapolis.

MISSOURI

Brunswick, Mo.—The M.F.A. Elevator has installed a new seed cleaner.—P.

St. Joseph, Mo.—The Quaker Oats Company is putting a large neon sign on top of its ten story packaging building.—P.

St. Joseph, Mo.—Dannen Grain & Milling Co. purchased at auction Aug. 28 Soya Products Co.'s operating equipment for \$26,600.—P.

St. Louis, Mo.—Harold Vogel and Clarence Fivian of Nashville, Tenn., have succeeded Julius Mayer in charge of the Continental Grain Co.'s operations here following Mr. Mayer's transfer to Chicago.

Marshall, Mo.—Operations of the feed plant of the Midland Flour Milling Co. have started, and a complete line of Town Crier feeds is being marketed. The mill has a daily capacity of 250 tons. Peter Rea is plant manager.

Higginsville, Mo.—In this immediate vicinity of Lafayette County we will have (I would say) about a 75 per cent corn crop with the quality as good as last year. We know, however, that the corn crop will be short.—D. A. "Dick" Meinershagen, sec'y, Missouri Grain, Feed & Millers Ass'n.

KANSAS CITY NOTES

L. R. Jewell & Son have added a mill-feed brokerage department under the management of Mrs. Carrie B. McKay.

A third treasury certificate of membership in the Kansas City Board of Trade has been issued at the stipulated price of \$15,000, the purchaser Jas. W. Whitacre, whose application has been posted.

The fourth and top floors of an uncompleted addition to the plant of the Kansas Flour Mills Co. in North Kansas City were damaged badly by fire late Aug. 22. An explosion occurred, believed to have been caused when flames ignited gasoline stored on the roof. A carelessly discarded cigaret may have started the fire, W. H. Thompson, vice-president of the company, stated.—P.

MONTANA

Antelope, Mont.—Alf Hoven, who has been a grain buyer here for the past 30 years, has sold his elevator to the Higgins Grain Co. of Minneapolis. U. Nelson of Scooby will be manager.

Fairfield, Mont.—George Didow has terminated his partnership with Joe Eiseman in the Fairfield Feed & Seed Co. and has returned to the U. and I. Sugar Co. He is stationed at Chinook temporarily.

Hinsdale, Mont.—The Hinsdale Elvtr. Co. has been incorporated; \$50,000 in capital stock; incorporators, Martin and Evelyn Swanson, T. O. Pritchard, J. C. Bell, Jennie Mae Bell, R. E. and Leone E. Hillman, all of Hinsdale.

Livingston, Mont.—Art Todd of Helena was elected president of the Independent Grain & Feed Dealers Ass'n at an organization meeting held here Aug. 16. Other officers of the newly formed organization are Richard Teslow, Bozeman, vice-pres., and Al Maggli, Livingston, sec'y-treasurer.

NEBRASKA

Plymouth, Neb.—Charles Bush has taken charge of the elevator recently purchased by the Norris Grain Co. from the Clark Grain Co.

Beatrice, Neb.—Don Vanlaningham had two fingers on his left hand cut while working with a feed mixer at the Beatrice Hay & Feed Co. recently.

Clatonia, Neb.—William H. Roscoe, 87, a grain dealer here and at DeWitt for 45 years, died at the home of his son in Lincoln, Neb., Sept. 3.—P.

Omaha, Neb.—Earl Stine has been transferred here from the Kellogg Co.'s Battle Creek, Mich., plant, as new production manager, Frank Sorenson, branch manager, announced.—A. T.

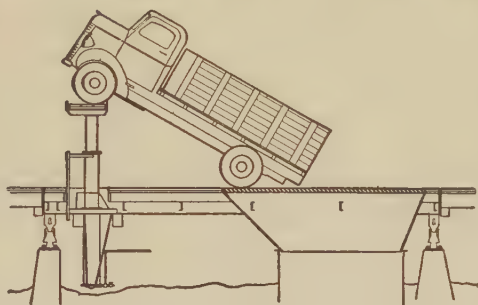
Pawnee City, Neb.—The Farmers Union Elevator recently installed a new grinder, powered by a 75 h.p. motor.

Arlington, Neb.—P. C. Morgensen has sold his interests in the alfalfa plant to his brother-in-law, A. C. Gifford. The mill has closed because of the dry weather. There was no third cutting of alfalfa.

Beemer, Neb.—Fire discovered in a pile of lumber at the Farmers Elevator was extinguished by the fire department recently. A bonfire earlier in the afternoon is thought to have been the origin of the fire.

Hay Springs, Neb.—Burglars broke into the office of the Farmers Co-operative Grain Co. recently, smashed open the safe with heavy crowbars, and escaped with about \$100 in bills, George Madsen, manager, reported.

Here's A Real Dump

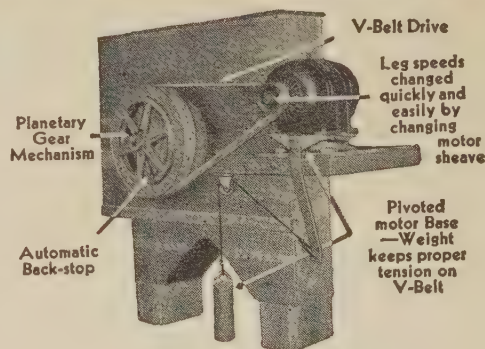


We could tell you all about how this **Telescoping Dump** has a low installation cost—or how its 76-inch piston-travel gives it a lift of more than 6 feet or that it can be hung from the scale timbers so that it does not interfere with correct weighing, etc.—but we prefer you to see for yourself. Ask us to send you the location of one near you—to see is to be convinced.

STRONG-SCOTT

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There are over 3,500 Strong-Scott Head Drives in everyday use, and that is a lot of head drives in anybody's language. It must have something to command such acceptance by the trade. Here are a few of the reasons—it has greater strength, greater efficiency and more silent operation. You will want full details, so write for them today.



Everything for Every Mill, Elevator and Feed Plant

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Fort Calhoun, Neb.—An elevator is being built on the railroad right-of-way adjacent to the Lauritzen Lumber Co. A railroad spur will be constructed leading to the elevator.

Kearney, Neb.—The Ingalls & Turner Grain Co. has purchased four lots adjoining its property where it will build a 50x200 ft. warehouse of 75,000 bus. of grain and 20 carloads of feed storage capacity, and install a truck scale with 60 ft. deck. Work will start at once.

Creston, Neb.—Fire believed to have started from a hot box in a motor at the Farmers Lumber & Grain Co.'s elevator, destroyed the elevator and about 6,500 bus. of grain it contained. The structure, of 13,000 bus. capacity, owned by the Viergutz estate, and its contents were insured.

Superior, Neb.—The Farmers Union Co-operative Ass'n has purchased the elevator and feed mixing plant of the Southern Nebraska Feed Co. and taken possession of the business. The former owner, Alvin Schleif, will be manager of the plant, which will continue the manufacture of mixed feeds and grain buying. The association has purchased eight steel grain bins, with a total capacity of 20,000 bus., which are located east of the Farmers Union Creamery, the site of the proposed new elevator.

NEW ENGLAND

Wickford, R. I.—The Crompton Hatchery, West Warwick, has completed a 42x100 ft. addition to its local elevator.

NEW MEXICO

Clovis, N. M.—Wheat harvest was blessed with favorable weather and proceeded fine with the exception of the serious boxcar shortage, which caused much delay and necessitated increased handling of the grain. —El Rancho Milling Co., Alvy R. Smith, sales manager.

NEW YORK

Buffalo, N. Y.—The Co-operative GLF Mills, Inc., will erect a 208x259 ft. storage mill, to cost \$150,000, north of its present seed building, to be used for seed storage. Expansion of the GLF's feed mill in Ganson St. also is under consideration. The company recently acquired property adjoining its plant from the New York Central Railroad with a view to increasing the size of its mill.—G. T.

Waverly, N. Y.—Six freight cars, five containing feed, which figured in picket line controversy during the present strike at Tioga Mills, Inc., of Local 22682, American Federation of Grain Processors, AFL, have been moved from a railroad siding. One of the cars was empty. The move followed a conference of union officials and trainmasters of the Erie, Lehigh Valley and D. L. & W. railroads late Aug. 25. The union had claimed the feed was being moved to the Sunbury plant, where no strike is in progress, in a move to thwart the strike.—T.

NORTH DAKOTA

Ray, N. D.—Bernard V. Olson is the new manager of the Ray Grain Co.

Bremen, N. D.—Merle A. Larson is new manager of the Bremen Elvtr. Co.

Tolley, N. D.—A. J. Johnson is new manager of the Tolley Grain Growers Ass'n.

Deering, N. D.—F. Rueben Allen is new manager of the Farmers Co-op. Elvtr. Co.

Ardoch, N. D.—The Mondry Grain Co.'s elevator was damaged slightly by high winds recently.

Milnor, N. D.—John Heidenreich has been appointed assistant manager of the Farmers Grain & Trading Co.

Bismarck, N. D.—The annual convention of The Farmers' Grain Dealers Ass'n. of North Dakota will be held here Jan. 27, 28 and 29, 1948.

Linton, N. D.—W. C. Adams of Coleharbor, N. D., is new manager of the Farmers Elevator, succeeding Ted Dietrich, who has moved to Lemmon, S. D.

Surrey, N. D.—Arthur J. Johnson, formerly manager of the Chasely Grain Co., has succeeded R. B. Brey as manager of the Farmers Co-op. Elvtr. Co.

Wyndmere, N. D.—An overheated motor in the cupola of the elevator of the Farmers Elvtr. Co. on Aug. 16 resulted in a fire that caused a small amount of damage.

Garrison, N. D.—A "wheat campaign" is being put on here, farmers being asked to donate a hopper or two of wheat toward a fund being raised to build a community hospital.—P.

Herrick (Drayton, p. o.), N. D.—The local elevator purchased by the Farmers' Union in Drayton from the Red River Grain Co. will be operated by the new owner, Ervin Schumacher, sec'y-treasurer of the co-op., said.

THE TEST OF A GRAIN FUMIGANT

If you use grain fumigants very much, you eventually learn that, even before considering effectiveness and cost, you should decide whether a product is **SAFE**. This means:



Free from hazard to life or health.

Free from inflammability.

Free from explosiveness.

Free from adverse effect on grain.

If a product doesn't meet these tests, its effectiveness or low cost is unimportant.

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WINCHESTER, IND.

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DRIER AND COOLER

They're Profit Makers

**HESS WARMING AND
VENTILATING CO.**

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CHICAGO, ILLINOIS

OHIO

Cincinnati, O.—J. F. Vogel will succeed Frank J. Brennan as local representative of the Corn Products Refining Co.

Holgate, O.—The elevator of the Holgate Grain & Supply Ass'n was damaged heavily by fire Aug. 28. A considerable amount of stock was lost.

Lewisburg, O.—The Preble County Farm Bureau Co-op. Ass'n will install a large grain drier here. It will be housed in a new concrete structure.

Leavittsburg, O.—Burglars broke into the J. F. Klingensmith feed mill recently. The only loot was obtained from a peanut machine which was broken open.

Wooster, O.—The solvent extraction plant we have been building for the past 18 months should be in operation for the new crop Oct. 1, 1947.—Soya Processing Co.

Bryan, O.—Hezekiah Poast, 92, died Aug. 8. He was president of the Poast & Dawson Co., grain and stock business which he organized 65 years ago. His son-in-law, Howard Dawson, became associated with him in 1937 and is manager of the company.

Lima, O.—A sales conference of Pillsbury Mills, Inc., Feed & Soya Mill division was held here recently at the Barr Hotel. Approximately 50 salesmen from Ohio, Michigan, Pennsylvania and West Virginia attended the meeting which was addressed by officials of the company.

Okolona, O.—The Okolona Grain Co. is building a 40 x 144 ft. mixing plant. Built of tile blocks, the structure will contain brick bins for storage of feed ingredients. It will be ready for operation about Dec. 1. Three new feed mixers, a hammer mill, and feed conveyors will be installed. Carl Helberg is manager.

Grove City, O.—Open house was held Aug. 31 at the Farmers Exchange Co.'s elevator for Anton C. Patzer, who resigned as manager, president and director of the organization. Mr. Patzer has been associated with the Farmers Exchange for the past 21 years. He will be succeeded by Kenneth A. Bristley, of Mt. Sterling.—P.

Defiance, O.—Enacted Senate Bill No. 254 becomes effective Sept. 4, 1947. Management and directors of all co-operatives amendable to the act should make it a matter of importance to become familiar with its provisions which make fundamental changes in filing fees and franchise taxes of Ohio co-operatives.

Toledo, O.—The Farmers' Grain Dealers Ass'n of Ohio will hold its fall grain and feed dealers meeting Sept. 22, at 7:00 p. m. in the Toledo Board of Trade Room. A complete field report on the soybean and corn conditions in Ohio will be given. Other important topics will be discussed. C. S. Latchaw, sec'y, urges all members to attend.

Waynesville, O.—The Waynesville Farmers Exchange Co. recently added a cob burner, 12,000 concrete circular bin, 40x65 ft. bag feed-warehouse, and an automatic scale. Carl A. Pitstick, manager since last Jan. 1, reports the elevator handled one of the largest wheat crops on record, shipped 32 cars. He adds that he anticipates the largest sales in the company's history this year.

Columbus, O.—The following new members have been enrolled in the Ohio Grain, Mill & Feed Dealers' Ass'n., Inc.; Holland Pioneer Mills, Ohio City; Altman Milling Co., Troy; Norman F. Strate, Parkersburg, W. Va.—C. V. Thomas, sec'y.

OKLAHOMA

Shawnee, Okla.—The Shawnee Peanut Co.'s plant was damaged badly by fire recently, the loss estimated at \$100,000. The plant was completed last April at a cost of \$200,000 and was used to extract oil from peanuts and to manufacture stock feed. Owners are Jack B. Hammons and Jay C. Huffman.

Enid, Okla.—For the second time this season, a rip in the seam of one of the tanks at the new 4,000,000-bu. grain elevator of the Union Equity Co-operative Exchange caused grain to be spilled. The bin in which the break appeared was being cleaned at the time, a fact that prevented any large quantity of grain being spilled. Workmen only two days before had completed repairs

of the first break which has resulted in 18,000 bus. being poured onto the ground.

Capron, Okla.—David F. Johnson and Ben D. Blackburn, of the State Line Milling Co., Kiowa, Kan., recently purchased a local elevator, the new property adding 43,000 bus to the storage capacity of the mill. The new owners will take possession of the business after the present wheat crop has been disposed of by the old owner.—G.H.

Bixby, Okla.—The Easton Mill & Feed Co.'s plant burned recently, the loss estimated at \$35,000 by N. W. Easton, the owner, with \$1,000 insurance and probable \$4,000 salvage. Of 5,000 bus. of oats in the elevator, approximately 4,000 bus. were burned beyond salvage. Other feed stuffs destroyed included several tons of alfalfa hay and a large amount of sack feeds and some wheat. Of machinery in the mill building a new \$4,500 gas engine can be salvaged, but a \$1,250 feed mixer just installed and other new equipment are a complete loss. The fire started in an oat bin of the elevator section. The mill will be rebuilt.



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**Put Your Elevator Legs in Order
for Year-'Round Efficiency**

Whether you operate a small or large elevator, you need "Nu-Hy" Buckets. They're the scientific Bucket for grain handling, effectively bringing your elevator legs up to their highest potential capacity. "Nu-Hy" Buckets can be installed on any existing leg. No expensive alterations are necessary. They've saved the cost of rebuilding and enlarging legs for many an elevator.



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"RANDOLPH"

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O. W. RANDOLPH COMPANY

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PACIFIC NORTHWEST

Seattle, Wash.—A choke-up in the elevator of the Magnolia Milling Co.'s plant caused a small loss on Aug. 8.

Aberdeen, Ida.—The Fund Produce Co. plans to install a pneumatic conveyor for handling grain and other bulk material.

Plaza, Wash.—When the side of an emergency storage bin burst Aug. 20, an avalanche of new wheat gushed forth, burying under the grain the main line tracks of the Northern Pacific's Palouse branch. Work crews at once set to work salvaging the grain.—F.H.

Spokane, Wash.—Railroad officials reported on Aug. 19 that 11 Inland Empire grain elevators had suspended operations because of a shortage of cars and wheat was again being spilled out in mounds on the ground at several points in the area. Reports on that date showed that 50,000 bus were stored on the ground at Willada; 40,000 at Lacrosse; 45,000 at Endicott, and 15,000 at Schreck.—P.

Seattle, Wash.—Many of our members have reported to the Association office the competition from direct sales to consumers by "Truck Peddlers" which has become increasingly more active of late. This type of competition without regulation is impossible to compete against especially so when the trucker is not required to meet the obligations that an established merchant has to comply with in the way of reports, taxes, etc. In 1939 the Commission Merchants Act was enacted by the State Legislature to establish rules and regulations for those buying agricultural products. To the best of our knowledge the enforcement of this act as regards "Truck Peddlers" has not been very actively pushed at any time. A committee has been appointed by Pres. A. J. McFarlane to meet with Director of Agricultural Fred J. Martin in the very near future to ascertain what is being done at this time to force the truck peddler to comply with the provisions of the act.—J. G. Wilson, Mgr., Washington State Feed Ass'n, Inc.

Seattle, Wash.—The Department of Agriculture has reported to us that some firms when registering feeds are not listing ingredients as defined in the feed regulations. If you wish a copy of the Regulations, write to the Dept. of Agriculture at Olympia, requesting a copy of the Laws and Regulations relating to the manufacture and sale of feed, fertilizer and livestock remedies.—J. G. Wilson, Mgr., Washington State Feed Ass'n, Inc.

PENNSYLVANIA

Ambridge, Pa.—M. W. Fell has resigned as vice-president and general manager of the local plant of the Hubbard Milling Co.

Philadelphia, Pa.—S. Gartland Horan, 54, a flour broker and president of the Commercial Exchange, died at the Atlantic City Hospital Aug. 31. In addition to his own business he was a member of the William Penn Flour Mills and a past president of the National Flour Ass'n.—P.

SOUTH DAKOTA

Canton, S. D.—L. L. Babcock is manager of the Huntington Elvtr. Co., succeeding Oscar B. Jones, retired.

Beresford, S. D.—The Farmers Elevator has completed construction of a storehouse north of its elevator, to be used for feed, seed and fertilizer storage. The 30x60 ft. structure is tile block wall construction with concrete floor.

Bryant, S. D.—The Farmers Elvtr. Co. will erect an office in the near future, Geo. Loats, manager, announced. W. W. Teska, manager of the Farmers Union Terminal Elevator, reported his new grain tanks will be ready soon for grain storage.

Lennox, S. D.—Fire that started in the feed storage section of the Cargill, Inc., elevator was discovered by Roy Abbas soon after it started when he returned to the elevator to lock up the building, and quickly extinguished by Abbas with water obtained from a nearby residence before arrival of the fire department.

Lemmon, S. D.—An early morning fire recently destroyed the Lemmon Grain Co.'s elevator and warehouse. Loss was estimated at \$75,000. Between 20,000 and 25,000 bus. of grain were stored in the elevator. The fire, believed to be of incendiary origin, also destroyed several box cars and other railroad equipment in the nearby railroad yards. The grain company, formerly known as the E. J. Ziltz Co. was purchased last spring by Theodore E. Dietrich from A. E. Odegard.

SOUTHEAST

Camden, Ala.—Several farmers near Camden are planning to organize a feed mill.

Bennettsville, S. C.—Marlboro Feed & Seed Co., Inc., has been incorporated, listing capital stock of \$2,000. Fred T. Hollis is president.—P.

Leesburg, Fla.—Leesburg Feed Co. has been incorporated, listing 100 shares at \$100 p. v. Incorporators are Kendall K. Jones, N. D. Jones and R. C. Bardwell.—P.

Chipley, Fla.—D. B. Young has purchased the J. J. Daring Mill & Elvtr. Co. from C. E. Lidden, taking over the business Aug. 1. He will continue operation of the firm under its present name.

Demopolis, Ala.—More than 400 farmers and business men and women attended the formal opening of Frank King's Feed Warehouse recently. An excellent program was presented and many prizes awarded.

Dunn, N. C.—The Champion Milling Co., Inc., has been incorporated, to deal in live stock and poultry feeds; authorized capital, \$50,000; incorporators, J. M. Neighbors, E. G. Vann and C. R. Moore, all of Dunn.

Salem, Va.—The Agricultural Processing Corp. has been incorporated with a maximum capital of \$50,000, to produce, develop and process all kinds of animal feeds and supplies. Geo. E. Cook, Salem, is president.

Shelby, N. C.—Morgan & Co., Inc., has been granted a charter to conduct a general business as a feed and farm supply store. Authorized capital stock is \$150,000. Incorporators: O. Z. Morgan, O. B. Evans and C. S. Thompson, all of Shelby, and others.—L. B.

Sanford, N. C.—The Sanford Milling Co.'s plant was almost totally destroyed by fire Sept. 4, the loss estimated tentatively at \$300,000, with partial insurance. The grain elevators were saved; the flour mill, feed mill, storage warehouses and their contents and machinery were destroyed. The business was founded and owned by W. R. Hartness for over 20 years. Co-owners now are his sons, R. H. and Blanton A. Hartness, who operated the business since retirement of their father from active business.—L. B.

Douglas



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Lynchburg, Va.—A. P. Stone, 82, for many years associated with the wholesale seed and feed industry here, died Aug. 25.—P.

TENNESSEE

Knoxville, Tenn.—Friction in a leg belt started a fire Aug. 19 that damaged stock of J. Allen Smith & Co., Inc. The loss was small.

Tiptonville, Tenn.—Work has started on the buildings which will house the new plant of the Tennessee Soya Mills, Inc. The mill will be ready for operation the first of the year.—P.

TEXAS

Memphis, Tex.—W. P. Dial, 85, pioneer grainman of the state died Aug. 25.

Goree, Tex.—The Kimbell Milling Co. has purchased the business and elevator of the Goree Grain Elevator.

Houston, Tex.—Hugh Andrews Delery, 71, for 27 years in the rice business here, died Aug. 20. He left the rice business in 1929 to accept the position of fire commissioner, returning to the business in 1933.—P.

Amarillo, Tex.—H. C. Adams, broker, grain and field seeds, died Aug. 14. He had been in failing health for several months. His brokerage business, which he had been operating since the fall of 1941, will be continued by Mrs. Adams at the same address. Mrs. Adams has the deepest sympathy of their many friends in the grain trade in her bereavement, all of whom wish her success in her business undertaking.

Houston, Tex.—John H. Kern has become associated with Frank H. Snell & Co. as sales manager of the local office.

Clarendon, Tex.—Tom F. Connally, past president of Texas Grain & Feed Dealers Ass'n, is improving satisfactorily following his serious accident, and is able to be in a wheel chair.

Hart, Tex.—The Farmers Grain Co. will build a 125,000-bu. storage addition to its present concrete and steel plant, to be completed Nov. 1. Contract was let to A. F. Roberts Const. Co.

Galveston, Tex.—Finley W. Parker, general manager of the Galveston Wharf Co., now the Galveston Wharves, from 1928 until 1944, and widely known in the grain and milling business, died Sept. 1 in Miami after a prolonged illness. He also was vice-president of Galveston Wharf Co. from 1930 to 1944, and was a former president of the American Ass'n of Port Authorities, and the first president of the Transportation Officers' Ass'n.

WISCONSIN

Milwaukee, Wis.—The North Western Railroad will erect a \$50,000 grain drier 81 ft. high at 960 East Bay St.—P.

Chippewa Falls, Wis.—A 40 x 90 ft. steel quonset building has added 55,000 cubic feet to Zutter Elevators' storage space and a modern wholesale and retail feed store.

Chilton, Wis.—Knauf & Tesch Co.'s new warehouse has been completed. The 50 x 100 ft. and 200 ft. high fireproof structure will be used for storage of feed, seed and grains.

Milwaukee, Wis. — Ladish-Stoppenbach Co. has changed its name to Ladish Malt-ing Co. There has been no change in officers, owners or policy, Herbert H. Ladish, president, announced.

Muscoda, Wis.—The A. H. Kroupskop Co.'s feed mill is closed while extensive repairs and alterations are being made and new equipment is being installed. A. C. Wilson, manager, stated the new mill will double the capacity of the plant.

Janesville, Wis.—Frank C. Blodgett, 51, president of Frank H. Blodgett, Inc., was found dead the morning of Aug. 26 with his head and arms across an open gas burner in the kitchen of his home. He succeeded to the presidency of Frank H. Blodgett, Inc., 10 years ago when his father, Frank H. Blodgett, retired. The deceased was an executive of the Wisconsin Millers Ass'n and the Rye Millers Ass'n of America.

Milwaukee, Wis.—The malt house first unit of a new \$4,000,000 malting project being erected here by Froedert Grain & Malt-ing Co., Inc., will be completed in September. It contains over 4,500,000 sq. ft. of floor space and occupies one half of a 9.5 acre tract of land adjacent to the company's plant. The project, which includes the malt house, cleaning facilities, and added grain storage, will boost the company's present malting capacity by a third. Grain storage facilities will take care of 4,000,000 bus. of grain. Management of the company is giving serious consideration to the erection of still another large malting plant on the balance of the tract of the Milwaukee site, Kurtis R. Froedert, president and chairman of the board, said.

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Grain Shipping Ledger for keeping a complete record of 4,000 carloads. Facing pages are given to each firm to whom you ship and account is indexed. Book contains 80 double pages of ledger paper with 16-page index, size 10½x15¼ inches, well bound with black cloth covers and keratol back and corners. Weight, 4 lbs. Order Form 24. Price, \$4.95, plus postage.

Shippers Record Book is designed to save labor in handling grain shipping accounts and provides for a complete record of each car shipped. Its 80 double pages of ledger paper, size 9¼x12 inches, provide spaces for 2,320 carloads. Wide columns provide for the complete record of all important facts of each shipment. Bound in heavy black cloth with keratol back and corners. Shipping weight, 2½ lbs. Order Form 20. Price \$3.10, plus postage.

Sales, Shipments and Returns. Is designed to save time and prevent errors. The pages are used double; left hand pages are ruled for information regarding "Sales" and "Shipments"; right hand page for "Returns." Column headings provide spaces for complete records of each shipment on one line. Book contains 80 double pages of ledger paper, size 10¾x16 inches, with 8-page index. Spaces for recording 2,320 carloads. Bound in heavy gray canvas with keratol corners. Weight, 3¾ lbs. Order Form 14AA. Price \$4.95, plus postage.

Record of Cars Shipped facilitates keeping a complete record of cars of grain shipped from any station, or to any firm. It has column headings for Date Sold, Date Shipped, Car Number, Initials, To Whom Sold, Destination, Grain, Grade Sold, Their Inspection, Discount, Amount Freight, Our Weight Bushels, Destination Bushels, Over, Short, Price, Amount Freight, Other Charges, Remarks. Book contains 80 double pages of ledger paper, size 9¼x12 inches, with spaces for recording 2,320 carloads. Well bound in heavy black pebble cloth with red keratol back and corners. Shipping weight, 2½ lbs. Order Form 385. Price \$4.15, plus postage.

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Superior, Wis.—The Great Northern's new Elevator "X" has started operations, increasing Superior's grain-handling capacity 1,500,000 bus. to 13,000,000 bus. and the total Superior grain storage capacity to slightly over 30,000,000 bus. The new structure has been in progress of construction for nearly two years. It replaces old Elevator "X" which burned in January, 1942.

Grain Carriers

Chicago, Ill.—The special corn rates (lake-locals) have been continued in effect until Sept. 30, 1948.

In the future all shipments from Canada to the United Kingdom of grain will be made in British and Canadian ships only, maritime officials in Montreal have predicted. The prediction is based on Britain's determination to conserve dollars and since U. S. seamen are paid higher wages than those paid to British and Canadian seamen, the cost of moving the grain in American ships is greater.

Car Shortage seems to have hit Kansas quite generally. On the Burlington up in Northwest Kansas, the CRI&P, the Union Pacific, the Santa Fe, and even the Missouri Pacific stations were not all getting the needed cars. Many blocked elevators, many truck loads of wheat waiting in the streets of these markets, waiting for cars and their turn to unload. Saturday found some in line who drove in the previous Tuesday and we have no idea when they got unloaded.—O. E. Case, sec'y Kansas Grain, Seed & Feed Dealers Ass'n.

Shippers Advisory Board Meetings

The Shippers Advisory Boards will hold meetings in various sections of the country as follows: Trans-Mo.-Kansas, Sept. 16, 17 at St. Louis, Mo., the Jefferson Hotel; Southeast, Sept. 17, 18 at Atlanta, Ga., the Ansley Hotel; Pacific Coast, Sept. 18, 19 at Oakland, Calif., the Leamington Hotel; Great Lakes, Sept. 24, 25 at Detroit, Mich., the Statler Hotel; Allegheny, Sept. 24, 25 at Canton, O., Onesta Hotel; Southwest, Sept. 25, 26 at Little Rock, Ark., the Marion Hotel, and Pacific Northwest, Sept. 25, 26 at Spokane, Wash., the Davenport Hotel.

Cost of Grain Doors on Shipments to Mexico

An additional cost of up to thirty dollars per car has been added to the expense of shipping grain to Mexico as authorized by the recent ruling of the western railroads assessing cost of grain doors on domestic exporters. The new ruling is contained in Western Trunk Line Tariff No. 330-M, as follows:

"(4) The charges prescribed in paragraph (2) of this item will apply also on shipments destined to points in Mexico (or beyond) which are delivered to connecting rail carriers without being unloaded at Brownsville, Eagle Pass, El Paso, Laredo, or Presidio, Tex. Such charges when not paid by the consignor, will be assessed against the shipment and entered on the waybill as charges for grain doors or door barricades."

Rails Suffer Through Subsidized Competition

In an address before the Ohio Valley Board of Trade, Roy B. White pres., Baltimore and Ohio Railroad, pointed out one glaring ill that besets the carriers today. He referred to the unfair and destructive competition by competing transportation systems through subsidy advantages paid out of taxpayers' money. The allusion was to the airlines, water lines and the highway carriers who are able to maintain rate levels lower than sufficient to cover the cost of the service they render.

In the 12 months which ended last February 28 the Class I lines of the country earned a profit on their property investment of only 2.62 per cent. By comparison, they earned 3.61 per cent for the equivalent period a year before. What happened is that railroad operating costs have risen so much higher than railroad revenues that the lines are approaching an emergency. Wages are far above prewar levels. Materials and supplies cost around 60 per cent more than 1940 and even the extremely heavy volume of business handled by the lines has not been able to offset this.

Preventing Fires

There are three simple rules that would prevent much fire loss and damage if they were always obeyed. The rules are: 1. Have all electrical equipment and wiring properly installed and checked. Replace worn cords. Use electricity safely; 2. Keep oily rags in closed metal containers or destroy them and 3. Know how to call the fire department and the location of the nearest fire alarm box.

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Because of the recognized ability of the authors, this, the first complete non-technical treatise on turkey production should prove of great value to both large and small producers. 708 pages, 17 chapters, appendix and thorough index, 120 illustrations. Weight 3 lbs. price \$3.50 plus postage.

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Feedstuffs

The American Feed Manufacturers Ass'n will hold the 1948 convention on May 5, 6 & 7 at the Netherland Plaza Hotel in Cincinnati, O., according to the organization's recent announcement.

The Alabama Legislature on Aug. 14 passed an act providing for the payment of feed stamp tax on feeds by monthly reports covering total sales of same, which is an optional method to the present feed stamp tax system now being used.

Promol, a new feed product, is now on the market, a liquid similar to cane feed molasses, but containing synthetic urea made by the combination of carbon dioxide and ammonia. For ruminants the new feed affords a cheap source of protein.

The Executive Committee of the American Feed Manufacturers Ass'n has announced that it was opposed to the principle of using the feed manufacturer as an agency to collect assessments against their customers by any other organization or group, for advertising, promotional or sales purpose.

Chicago, Ill.—The American Feed Manufacturers Ass'n statement of receipts and disbursements just issued to members, for the 12 months ended May 31, shows \$130,404.47 receipts from dues and \$120,841.14 disbursements. The cash on hand and on deposit increased from \$43,354.35 June 1, 1946, to \$52,917.68 May 3, 1947.

Allied Mills Inc., has decided to go ahead with its \$6,000,000 modernization program despite the high cost of construction, H. J. Buist, president of the firm announced recently. The modernization program, Mr. Buist said, will result in "increased and improved production facilities, provision of additional storage, improvement in products, and savings in cost of operations."

Feed Meal Production

Grain by-products feeds and oilseed meal production for July was slightly above the production for the previous month and a year ago according to an announcement by the Production and Marketing Administration. Production for July, 1947 and for July 1946 in parentheses in selected feeds were as follows in thousands of tons: Alfalfa meal, 115.8 (191.6); cottonseed meal, 33.6 (18.8); soybean meal, 325.6 (313.0); linseed meal, 30.0 (63.4) peanut meal, 3.3 (5.7) and copra meal, 20.0 (7.1).

Evaluation of Defluorinated Phosphates

According to this second article of the series, three laboratories cooperated in determining the effectiveness of 10 different samples of phosphatic materials as sources of phosphorus for bone formation in growing chickens. The samples tested included 6 of defluorinated superphosphate and 1 each of defluorinated phosphate rock, phosphate slag, calcium pyrophosphate (beta) and vitreous calcium metaphosphate. The effects of these materials on per cent of bone ash and on growth were compared with the corresponding effects of tricalcium phosphate and of bonemeal.

Judged by effect on bone ash, 1 sample of defluorinated superphosphate was almost completely unavailable and its availability was not increased by finer grinding; the other five samples were available but less so than bonemeal and tricalcium phosphate. Defluorinated phosphate rock, phosphate slag, and vitreous calcium metaphosphate were intermediate in availability between the superphosphates on the one hand and bonemeal and tricalcium phosphate on the other. The calcium pyrophosphate was totally unavailable or nearly so. The parallelism between availability and solubility in 0.25 per cent hydrochloric acid at 38 degrees C. was such that determination of solubility could be used as a quick, approximate measure of availability.

At levels equivalent in phosphorus content to 2 per cent of bonemeal, each of the supplements fed in the one experiment of 8 weeks duration appeared to have a detrimental effect on growth. The metaphosphate had an unfavorable effect on growth even when fed at a level equivalent to 1 per cent bonemeal. (Experiment Station Record Vol. 94, No. 4)

Hog Production Drops in Canada

Dr. H. D. Sinclair, speaking before the Canadian Feed Manufacturers Ass'n, said: The downward trend in hog production in Western Canada has become alarming and every effort is being made to arrest the decline. This extreme downward swing in production is regrettable. It serves again to indicate that one of the fundamental weaknesses in our livestock economy in Western Canada is lack of stability. The performance of the last few years indicates again that a very large percentage of our farmers, even in what we regard as our mixed farming areas, are not livestock minded.

Feed Sales in Ohio

By J. I. Falconer of Ohio Exp. Sta.

The 1946 sales in Ohio show a decline in total volume of 3.6 per cent from 1945. This is the first year since 1932 to report a decrease in sales. For each of the past 4 years over one million tons of commercial feed has been purchased by Ohio farmers. In 1944 the total tonnage was 1,102,730; in 1945 it was 1,137,570 and in 1946 it was 1,097,000.

Both mixed and unmixed feeds show a decrease in volume of sales. Mixed feeds was down 2.3 per cent and unmixed feed sales were down 6.6 per cent. Dairy feed was the only class of mixed feed to show an increase in volume. Hog feeds were down 4 per cent and poultry feed down 3 per cent. Of the unmixed feeds, cottonseed meal, linseed meal, and hominy showed the greatest percentage of decrease. Soybean meal sales were the same in 1946 as in 1945.

Mid-West Feed Mfrs. Ass'n Gets Award

Second place in the national competition for the John N. Vandervries award for outstanding achievement in its field has been awarded the Mid-West Feed Manufacturers' Ass'n. The association's contribution was submitted by Jack Dean, Kansas City, executive sec'y of the feed group and outlined the organization's work in labor and public relations.

The award is sponsored by the National Institute for Commercial and Trade Organization Executives and recognizes worthwhile accomplishments by trade or commercial groups in such fields of endeavor as public relations, public education, legislation, community welfare, labor relations and research.



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Experience with Distillers Feeds

By P. A. CAMPBELL of Eastern States Farmers Exchange

In recent years we have learned to evaluate ingredients on the basis of the nutrients they supply. A formula is really a prescription which calls for ingredients containing certain nutrients so that when combined as in formula feeds they supply the nutrients required by the animals or birds the formula feeds are planned for. Consequently, formulation is becoming a carefully regulated procedure which takes into consideration not only all of the various nutrients and the amounts of each required but their inter-relationship in the way they function in digestion and assimilation.

Formula Feed a Supplement

In planning dairy and beef cattle rations, it must be remembered that the formula feed is in reality a supplement for the roughage and should be formulated for that purpose. Also, it must be recognized that the ruminants can synthesize as well as improve the quality of the protein and that the vitamins of the B-complex are all synthesized in sufficient amounts to meet the animal's requirements. Consequently, less attention is given to the quality of

protein for ruminants than was formerly thought essential and the B-complex vitamins can usually be forgotten. The whole subject of rumen synthesis will require a tremendous lot of study and investigation before it is completely understood. A few investigators are studying it in this country as well as in England.

Maintaining Fat Percentages

It seems to be a fact that in the processing and production of feed by-products, as the processor finds ways to remove and separate essential nutrients and direct them into other channels of use, the man responsible for formula feeds must find ways and means of supplying the same nutrients from other sources. Fats seem to be one of the nutritive factors that have been scalped in many instances, and today it is hard to maintain satisfactory fat percentages in formula dairy feeds. Distillers dried grains contain a good percentage of fat. It is one of the reasons why the grains are so popular in the Northeast where fat, for some reason, seems to be more important than in other parts of the country. If you who are responsible for the quality of distillers dried grains were to make plans for the removal or extraction of most of the fat, it would very likely relegate the grains to an unimportant position in the by-product field and in formula feeds.

Altho the importance of distillers dried grains, particularly with solubles, has been emphasized for milking cows, they have just as important a place in supplements and feeds for beef cattle. And although the production of beef is limited in the Northeast compared to the corn-belt, supplements containing distillers dried grains have produced well finished, high quality beef.

At times when ingredients in general are short and dried grains have been available, we have incorporated them in limited

amounts in poultry mashes. The high fiber of dried grains, not objectional for dairy or beef cattle, makes the grains less desirable for poultry, as poultry do not have the digestive capacity or ability to handle fiber rations. The Massachusetts Experiment Station in some of its experimental work obtained satisfactory results especially when using dried grains with solubles, and it is our opinion in a careful review of the published data that their results are as would be expected when considering the nutrients as supplied by the grains and the nutrients furnished by the solubles included with the grains.

Dried Solubles

In 1939 distillers dried solubles were called to our attention. Considering our evaluation of distillers dried grains, it was not at all difficult to entertain the thought that here was a product from the same source that when developed might occupy a similar position in the poultry feeding program. From the start we recognized that they resulted from the recovery of the soluble portion of the stillage, that it would not supply all of the amino acids and that it should be a good source of the B-complex factors and possibly others.

Using such information as the processors had and the results from our own analytical and assay work, it was possible at the start to supplement and incorporate them in experimental mashes so that the results of the first chicks fed definitely indicated they had a place in poultry mashes if properly used and supplemented. The experimental work was continued for more than a year's time using a large number of chickens before the solubles were adopted as a regular ingredient. It should not be said that they are a replacement for any other ingredient but when used in sufficient amounts and properly supplemented, they produced results the equivalent of dried skim milk when it was properly supplemented. The same might be said of the other animal protein ingredients.

They proved to be a good source of the B vitamins and other lesser known factors.

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327 So. La Salle St. Chicago 4, Ill.

You may well ask what is meant by proper supplementation. It does not mean any particular ingredient, but rather the combination of ingredients that together supply the nutrients required in the particular formula feeds considered. As the work under this program of procedure continued, we found they had a place in egg production mashers, breeder mashers, and all turkey mashers. At first the distillers dried solubles were inclined to be very hygroscopic but with time came improvement in their physical condition so that today they are not a serious problem in line mixing.

We adopted them as a regular ingredient in 1941 and have used them from that time on. Used excessively they produce a laxative condition. In fact, when dried whey became in short supply for producing a flushing mash, dried distillers solubles in an increased amount were used with a much reduced supply of whey to produce the same results.

Dried distillers solubles have been mostly used in poultry mashers, but due to their low fiber, readily digested protein and the water soluble vitamins, they can be used in calf starters, pig and dog feeds.

The experimental work at the Experiment Station in Illinois shows that distillers dried solubles for brood sows and pigs up to 100 pounds when properly supplemented results in good growth and low mortality of pigs. We have accepted these findings and have used the solubles in a pig starter when sufficient were available.

In Dog Food

A dog food is a feed that must appeal to the owner and secondly to the dog's appetite. There is no other feed that is used under such a variety of conditions, as age and size of dogs, and type of owners. Not only must a dog feed be nutritionally effective but it must be palatable. A small percentage of distillers solubles not only furnishes in the dog feed some of the most essential nutrients but helps the dog to want the feed.

There is need for standardization of these products. No careful manufacturer of formula feeds depends on one source for his by-products and if they were uniform in appearance and nutritive value, they could be used interchangeably without changing the nutritive value or physical appearance of the feed.

There is a need for a research program that will provide information which will enable the producers of these by-products to make them more uniform and of higher value in usage.

Changes in California Feed Law

The revisions of the feed law recently enacted by the California legislature and effective in September include several major changes. Regulation 4, Section 2, is revised to read: "A brand, brand name, or trade-mark shall not include or suggest the name of one or more ingredients or agents of a mixture. This requirement shall not be held to apply to those instances where all of the ingredients are referred to in the brand, brand-name or trade-mark."

Regulation 6, Section 3(f) has been changed to require that feeds containing drugs shall be labeled to show, in addition to other information required by law: "A. The name of each ingredient including the name and percentage present of each therapeutically active ingredient or agent stated as such, B. adequate directions for use, and C. adequate warnings against use under those conditions in which its use may be dangerous to health. Provided, that the term 'drug' as used herein does not apply to vitamin, mineral, or other substances used solely for nutritional purposes."

The provisions for inspection tax payment on bulk sales, Regulation 15, Sections 2, 3, 4, are revised into a new Section 2 eliminating the use of tax stamps on invoices and providing: "(d) Payment of the inspection tonnage tax shall be at least quarterly and shall be accompanied by an itemized list of each sale covered by the payment and a signed statement certifying to the facts of the report on a form supplied by the Department."

A SPECIAL committee of millers will meet Sept. 8 with Washington officials to discuss increasing the percentage of flour in food exports.

Pantothenic Acid Deficiency in Dog Diet

Observations on adult dogs on a diet deficient in pantothenic acid indicated that the dietary requirement for this vitamin was small. Many months might elapse before the deficiency became manifest, and it was impossible to predict the time required to deplete an adult animal. Of 4 dogs on the deficient diet, one died after 9 months, presumably of pantothenic acid deficiency; two, which showed signs of acute deficiency after 17 months, were cured by administration of pantothenic acid, the dose given being 50 mg. calcium pantothenate for 3 days, and 10 mg. daily thereafter; the 4th dog, after 4½ years on the deficient diet, showed no gross evidence of deficiency disease. The basal diet, which contained 30 per cent of casein, was supplemented in all cases by vitamin B₁, riboflavin, nicotinic acid and vitamin B₆, and a dog which received this diet with a further supplement of pantothenic acid thruout the experiment was maintained in good health for 4½ years.

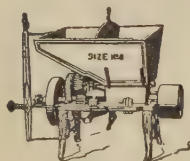
NEPPCO to Convene Oct. 1

The tenth exposition and convention of the Northeastern Poultry Products Council will be held at Saratoga Springs, New York, on Oct. 1 to 3, according to a recent announcement of the organization's officials. The traditional banquet, it was reported, will be streamlined without speeches into "The Poultrymen's Party", and special entertainment has been planned for the ladies while the men attend the business sessions.

BOWSHER Crush Grind Feed Mills Mix

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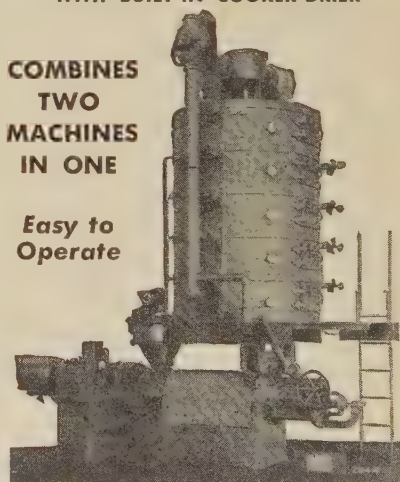
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Barley Hulls vs. Oat Hulls in Swine Ration

By E. W. CRAMPTON and G. C. ASHTON before National Barley and Linseed Committee

Those pigs that were on rations based on oat groats, with or without hulls, ate less feed than those on the corresponding barley rations. It appears, however, that between oat and barley hulls themselves, the oat hull containing rations are significantly the more palatable especially to the younger pigs. Some interaction is evident with the young pigs between kind of hull and kind of groat. Thus barley hulls caused a reduction of feed intake over that of pigs on the barley groats, but oat hulls appeared to enhance the acceptability of the oat groats. It is also to be noted that feed consumption was higher with the young pigs in rations containing hulls.

In the fattening period the introduction

of hulls following a hull-free growing ration caused an increase in feed intake when oat hulls were involved but not with the barley hulls. But again rations containing hulls from the start showed higher feed intake in all cases.

Oat Groat More Efficient

When the gains are adjusted to eliminate these differences in feed intake, it appears that the oat groat is nutritionally more efficient in producing gains in weight on the young pigs than is the barley groat. The presence of the hull during the fattening period reduces the efficiency of the ration, the oat hull more than the barley hull. It is evident that the change from a

heavy to a lighter bulkier ration as the pigs go onto the fattening period results in a check in gain over that which they could have made had they continued on the same diet whether or not it contained hulls.

Coarsely Ground Not Eaten

The finding that the presence of hull in the growing rations caused no reduction in gains, but instead effected an increase in feed intake is in accordance with previous findings in our laboratory when the hull is finely ground, as it was in this trial. In general we found that oat hulls when coarsely ground were not eaten by young pigs, but when finely ground were consumed readily. However, until the pigs were about four months old they did not digest the hull fraction of the grain appreciably.

Hull Improved Physical Condition of Feed

One might be led to believe either that, though not a source of useable nutrients, the hull gave to the ration a more acceptable physical condition; or else that the food intake of a pig is in part regulated to its capacity to handle the metabolizable energy supplied. Thus for example if the limit in rate of gain for a certain pig is 1.3 lbs. per day, the amount of feed he will eat may be limited to the quantity which will permit this gain.

The addition of hulls, by reducing the available nutrients per pound of ration would then result in a higher consumption than of a more "concentrated" ration. This of course presumes a nutritionally balanced ration and that the absolute capacity of the digestive system has not been reached. It is based on the premise that, given diets which do not through nutritional imbalance restrict growth, an animal eats in amount the quantity needed to maintain the energy equilibrium of his constantly increasing size.

On this theory the diet may often be a limiting factor in the growth, but is not a growth stimulant. This is reasonably well established in the case of milk production. It is also the basis of the feeding plan in these tests, where it is presumed that because of the inherent capacity of the pig to metabolize large amounts of food into body fat, he will, if given what metabolizable energy is needed to maintain this mechanism at maximum capacity, produce a fatter carcass than is wanted for bacon. We are, in principle, attempting to determine when and how and how much to restrict the energy intake to produce the carcass we want.

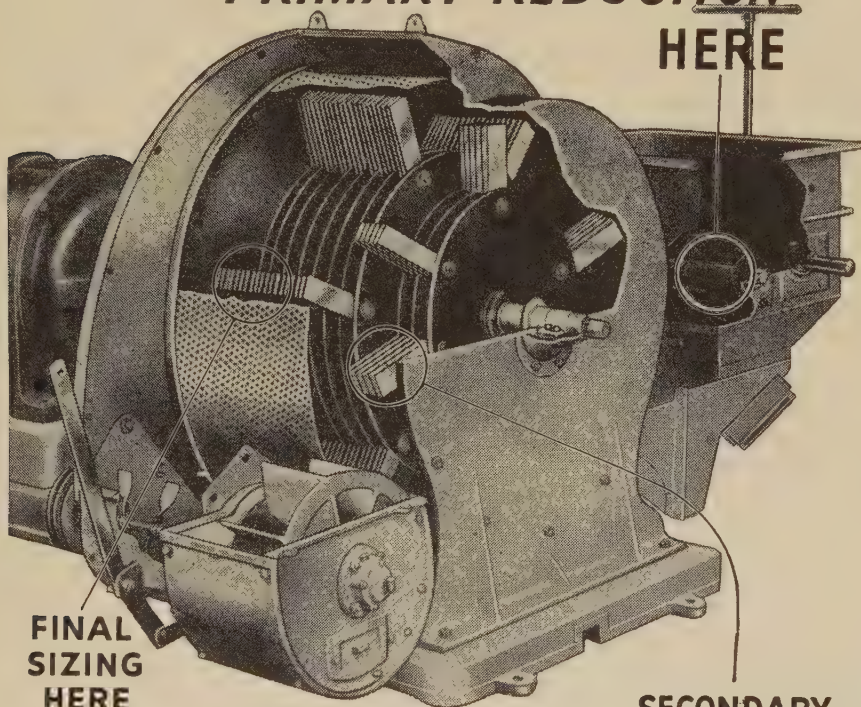
From the results of this trial it does not appear that the presence of finely ground hulls of barley or of oats has affected the gains of the young pigs to any appreciable degree. It does appear, however, that the introduction of hulls as the fattening period starts has caused a slight check in gains. The practical significance of this will be seen when the carcass data are examined.

Higher Carcass Score with Oat Groats

In spite of the fact that the gain data did not indicate sharp differences between either the groats or the hulls from barley or oats, the same was not true with the excellence of the carcasses produced.

In carcass score oat groats, with or without hulls, have given higher averages than barley; though with the groats alone, the numbers were too small to give much re-

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liability to the figures. That this is due more to the groat than to kind of hull is suggested from the insignificant differences between groups in which kind of hull was the only ration variable. Feeding hulls during the fattening period only, gave a trend toward better carcass score than did the inclusion of hull in the growing period only. But hulls throughout the full feeding period produced as high carcass scores as feeding them only during the fattening stage.

Whenever the better score is found, it has been because of a leaner carcass as shown by the data for the items making up the score itself (area of loin muscle, percentage lean, depth of fat).

In terms of the proportion of carcasses qualifying for the bonus, the advantage of oats over barley is quite sharp. With or without hulls, the oat groats rations raised the percentage of "A" grade carcasses from 26% (on the barley groats) to 57%. Comparing the kind of hulls irrespective of the kind of groat, the oat hull rations produced 48% A grades as compared to 31% with barley hulls.

Feeding Period Lengthened

In terms of days needed to reach market weight, feeding the hulls during the fattening stage lengthened the feeding period by about a week over either the plan where hulls were fed throughout or during the early stages only. This effect and its counterpart in carcass score lead to the suggestion that the pigs could do quite well on a hull containing ration once accustomed to it.

With oat hulls, the addition during the growing period only, and finishing on either barley or oat groats resulted in only 25% bonused carcasses. But the introduction of the hulls into the finishing ration resulted in 50% bonus carcasses. And then we come to the unexplained fact that putting the hulls in right from the start gave 69% grade A carcasses.

Conclusions

The conclusions to be drawn from the above reported study may be stated as follows:

1. There appears to be no significant nutritional difference between the hulls from oats as compared to those from barley as measured by gain of pigs.
2. There is a difference in favor of oat groats over barley groats in this respect.
3. Either oat or barley hulls as 25% of the basal grain fed during the growing period or for the whole period to market weight did not reduce the gains, but instead tended to result in increased feed intake.
4. The introduction of hulls in the fattening ration following a more concentrated growing ration effects a reduction in subsequent gain to market weight. This resulted in improved carcass excellence over the feeding of a heavy ration during the fattening period.
5. Oat hulls appear to be preferable to barley hulls in respect to carcass grade.
6. Pigs are able to tolerate either oat

R. D. MCDANEIL, vice-pres. of the Grain Dealers National Mutual Fire Insurance Co., Indianapolis, has been named chairman of the newly organized fire safety committee of the Federation of Mutual Fire Insurance Co's., one of the constituent associations of the American Mutual Alliance.

or barley hulls to the levels used in this test once they have become accustomed to them.

Smaller Turkey Crop

Farmers are raising 34,667,000 turkeys this year, 16 per cent less than last year. This is the smallest crop since 1943, but is 5 per cent above the 1939-43 average. Unfavorable price relationships, unusually large storage stocks at the end of last season, high feed costs, and the uncertainty of 1947 turkey prices for the heavy marketing season caused the sharp decrease in numbers this year.

The heaviest reductions in turkeys this year were made by large producers. However, even in this group some growers reported a substantial increase in their flocks. Many growers went out of the turkey business entirely.—U.S.D.A.

Hatchery Production

A total of 41,876,000 chicks were hatched by commercial hatcheries in the United States during the month of July. This was 24 per cent more than the hatch of 33,651,000 in July 1946, but 37 per cent below the July 1941-45 average hatch of 66,388,000.

During the first 7 months of 1947, 1,093,187,000 chicks were hatched, slightly more than the 1,088,528,000 hatched during the like months last year. The demand for broiler chicks is improving and a few hatcheries that supply the commercial broiler industry with chicks reported a scarcity of hatching eggs.—U.S.D.A.

The first meeting of the World Poultry Congress since the war will be held in Copenhagen, Denmark, Aug. 20 to 27, 1948.

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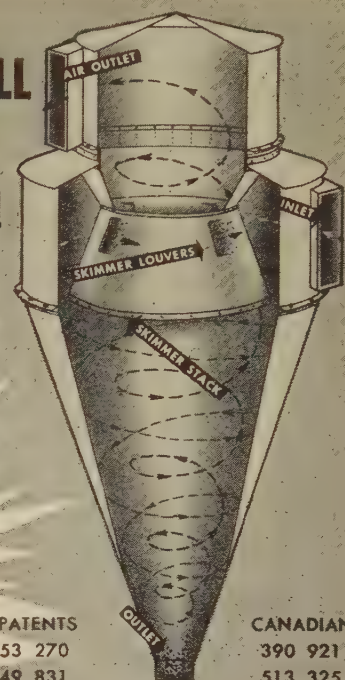
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Wanted and For Sale

The rate for advertisements in this department is 30 cents per type line each insertion

ELEVATOR FOR SALE

FOR SALE—Central Illinois Elevator in heart of grain belt with switches from two railroads. Total capacity 40,000 bushels. Address: 95P9, Grain & Feed Journals, Chicago 4, Illinois.

FOR SALE OR LEASE—\$65,000 bu. Grain Storage Elevator. Eight concrete bins, track scale, 40 ft. truck scales. Located at Mildred, Kansas, on M.K.T. Railroad. Good soybean producing area. Write or phone H. F. Johnson, Midland Industries, Inc., Independence, Ks. LD-11

FOR SALE—Grain elevator and lumber yard, served by three railroads, located in south central Illinois. Property covers two city lots. Elevator and lumber yard can be bought as a unit or will sell separately. Excellent farming territory—also active oil field with much money in circulation. Opportunity to build well paying feed mill or lumber business. Reasonably priced. Address: 95R7, Grain & Feed Journals, Chicago 4, Illinois.

ELEVATORS FOR SALE—Have a number of good going country elevators for sale in Ohio, Indiana, or Illinois. Some will pay for themselves in one year good management. Owned mostly by older men wanting to retire. If you want to buy, see or write us your needs. Availability of most our plants not publicly known. Mid-West Business Exchange, 201½ North Michigan Street, Plymouth, Ind.

FOR SALE—ILLINOIS Elevator and Seed business, 25,000 bu. capacity. Located in one of the best grain centers, near barge, transportation. All machinery in A-1 condition. Excellent seed business and seed cleaning equipment. Reason for sale, death of former owner. Address 95P5, Grain & Feed Journals, Chicago 4, Illinois.

FEED MILL FOR SALE

FOR SALE—Feed and Flour Mill. Equipment includes new Papee Hammermill and 1-ton Blue Streak Feed Mixer, Midget Marvel Flour Mill and Midget Marvel Corn Meal Mill. Troy Kelley, Ellettsville, Ind.

FOR SALE—Retail flour and feed warehouse with feed grinder, mixer, bulk storage bins and truck scale. Retail sales over \$100,000 in past year. Good location on track in Minnesota town of 6,000 population. Little Falls Mill & Mercantile Co., Little Falls, Minn.

FOR SALE—Commercial Feed Mill in a large Mid-Western town. Well established. Good volume. Purchase of this mill affords an opportunity to make connection with large poultry processing firm as an outlet for station feed and for other advantages. Machinery and equipment in excellent condition. This is a going business. Over 100 dealers selling the product. A real opportunity. Reasonably priced. Address: 95Q7, Grain & Feed Journals, Chicago 4, Illinois.

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WANTED—Machinery for complete feed mill. We will need—scales, truck warehouse, 100-lb. automatic for mash feeds, 100-lb. automatic free flowing grain, 25-lb. automatic for mash, molasses mixer complete, dry mixers, hammer-mills, motors 220-volt, 60 cycle, all sizes from 5 to 100 H.P., draver feeders, chop rolls, steel-cut chop mill, oat crimper, pellet mill, seed cleaner, bag cleaner, sewing machines, truck hoist, snap corn sheller and cleaner; elevators complete, screw conveyors. All machinery must be new or in A-1 condition. Quote price and condition first letter. Write or phone, Jack Walker, or John Purcell, % W. P. Milling Co., Box 1004, Muskogee, Oklahoma.

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CORN CUTTER & Grader—has motor—used very little. 95E3, Grain & Feed Jnrls., Chicago.

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FEED MIXER for sale, has motor, and a late machine. Need space. Will sacrifice. Write 95E6, Grain & Feed Journals, Chicago 4, Ill.

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FOR SALE—CAR LOADERS, Air Blast. One Ton Vertical Batch Mixers; One Emerson Cylinder Wheat Separator; Boss Car Loader; Corn Cutter; Two-Twenty Inch Eureka Aspirators; One—24" Beall Aspirator; One—10"x30" Nordyke & Marmon Dbl. Roller Mill; Nine 15"x30" Crimping or Flaking Rolls, only; One—2000 bu. Howe Elevator Hopper Scale; One Roscoe Ajax Oat Huller.

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FOR SALE—5 HP TEFC Motors—6—\$800 amps. 220 volt entrance switches 400 amps. and 600 amps. entrance switches. Distribution panels both 220 volt and 440 volt, available from stock. D. E. Hughes Company, Hopkins, Mich.

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WANTED—Party to move small country grain elevator over smooth country road ½ mile. Ura Seeger, Marshfield, Warren County, Ind.

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The last word in Clark's Direct Reduction Grain Tables is a combination of our popular 7-card set, Form 3275 Spiral and our new Truck Loads to Bushels, Form 23,090 Spiral which reduce by 10 pound breaks any weight of grain from 600 to 23,090 pounds to bushels of 32, 48, 56, 60, 70 and 75 lbs.

Carefully printed from large clear type, with jet black ink, showing the bushels directly beside the weight of grain reduced and distinctly separated by rules and spaces so as to prevent errors in reading. The most practical, the most helpful grain reduction tables ever published. Their use will return their cost every day of the busy season in labor and time saved and errors prevented.

The spiral binding keeps the cards flat, in regular sequence, and prevents the exposure of more than one weight unit at a time so it is easy to keep wide open on the table for the grain being received. Both sets of tables are printed on heavy six ply tough check of durable quality, 11x13 inches with marginal index.

Direct Reduction Grain Tables									
32 lbs. per bushel—OATS									
32	48	56	60	70	75	32	48	56	60
600	18.75	21.43	22.86	25.71	27.43	600	18.75	21.43	22.86
610	18.86	21.54	22.97	25.82	27.54	610	18.86	21.54	22.97
620	18.97	21.65	23.08	25.93	27.65	620	18.97	21.65	23.08
630	19.08	21.76	23.19	26.04	27.76	630	19.08	21.76	23.19
640	19.19	21.87	23.30	26.15	27.87	640	19.19	21.87	23.30
650	19.30	21.98	23.41	26.26	27.98	650	19.30	21.98	23.41
660	19.41	22.09	23.52	26.37	28.09	660	19.41	22.09	23.52
670	19.52	22.20	23.63	26.48	28.20	670	19.52	22.20	23.63
680	19.63	22.31	23.74	26.59	28.31	680	19.63	22.31	23.74
690	19.74	22.42	23.85	26.70	28.42	690	19.74	22.42	23.85
700	19.85	22.53	23.96	26.81	28.53	700	19.85	22.53	23.96
710	19.96	22.64	24.07	26.92	28.64	710	19.96	22.64	24.07
720	20.07	22.75	24.18	27.03	28.75	720	20.07	22.75	24.18
730	20.18	22.86	24.29	27.14	28.86	730	20.18	22.86	24.29
740	20.29	22.97	24.40	27.25	28.97	740	20.29	22.97	24.40
750	20.40	23.08	24.51	27.36	29.08	750	20.40	23.08	24.51
760	20.51	23.19	24.62	27.47	29.19	760	20.51	23.19	24.62
770	20.62	23.30	24.73	27.58	29.30	770	20.62	23.30	24.73
780	20.73	23.41	24.84	27.69	29.41	780	20.73	23.41	24.84
790	20.84	23.52	24.95	27.80	29.52	790	20.84	23.52	24.95
800	20.95	23.63	25.06	27.91	29.63	800	20.95	23.63	25.06
810	21.06	23.74	25.17	28.02	29.74	810	21.06	23.74	25.17
820	21.17	23.85	25.28	28.13	29.85	820	21.17	23.85	25.28
830	21.28	23.96	25.39	28.24	29.96	830	21.28	23.96	25.39
840	21.39	24.07	25.50	28.35	30.07	840	21.39	24.07	25.50
850	21.50	24.18	25.61	28.46	30.18	850	21.50	24.18	25.61
860	21.61	24.29	25.72	28.57	30.29	860	21.61	24.29	25.72
870	21.72	24.40	25.83	28.68	30.40	870	21.72	24.40	25.83
880	21.83	24.51	25.94	28.79	30.51	880	21.83	24.51	25.94
890	21.94	24.62	26.05	28.90	30.62	890	21.94	24.62	26.05
900	22.05	24.73	26.16	29.01	30.73	900	22.05	24.73	26.16
910	22.16	24.84	26.27	29.12	30.84	910	22.16	24.84	26.27
920	22.27	24.95	26.38	29.23	30.95	920	22.27	24.95	26.38
930	22.38	25.06	26.49	29.34	31.06	930	22.38	25.06	26.49
940	22.49	25.17	26.60	29.45	31.17	940	22.49	25.17	26.60
950	22.60	25.28	26.71	29.56	31.28	950	22.60	25.28	26.71
960	22.71	25.39	26.82	29.67	31.39	960	22.71	25.39	26.82
970	22.82	25.50	26.93	29.78	31.50	970	22.82	25.50	26.93
980	22.93	25.61	27.04	29.89	31.61	980	22.93	25.61	27.04
990	23.04	25.72	27.15	30.00	31.72	990	23.04	25.72	27.15
1000	23.15	25.83	27.26	30.11	31.83	1000	23.15	25.83	27.26

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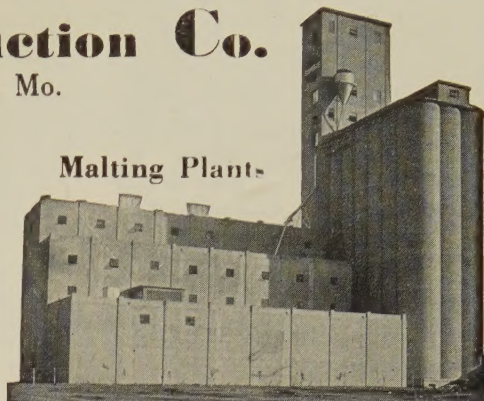
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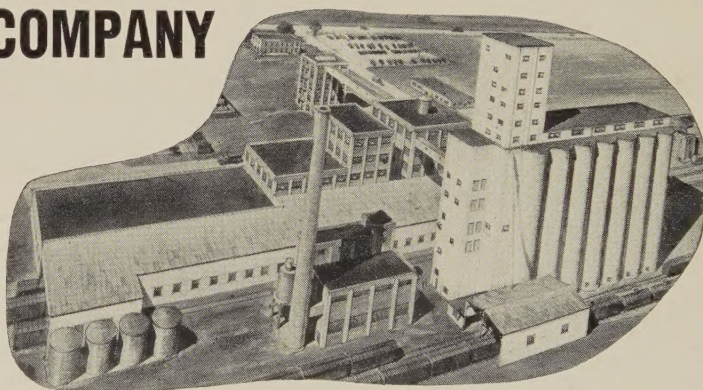
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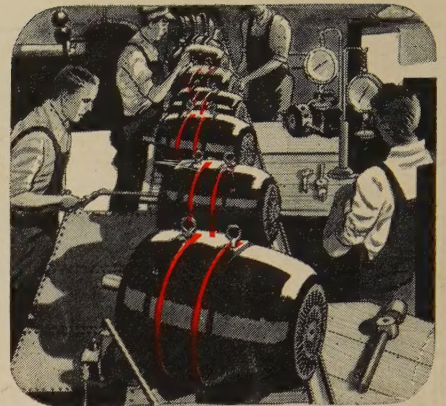
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1 1561—Crude, manually-operated bellows were used in an attempt to pump fresh air into a mine, but with indifferent results, according to a journal published in Switzerland. And man's quest for comfort indoors was under way.



2 1890—This age-old method of keeping cool was still in use in many parts of the world. But in this era electric motors came into general use. Soon to come were new ways to make air work for man's comfort and well-being.



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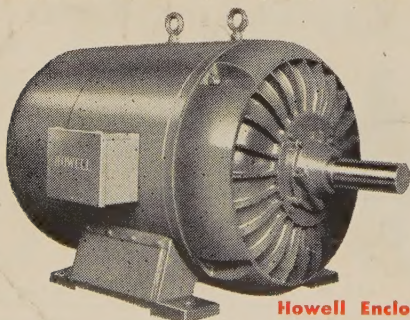
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